Our Department of Computer Science offers a thriving community of excellence across the breadth of computer science. From the teaching you will receive on your first day, to our cutting-edge research affecting the lives of people across the globe.
Our degree courses attract highly qualified students and provide them with a theoretical foundation in established areas of their discipline, as well as the opportunity to apply what they learn to industrially relevant problems throughout their degree. This combination enables students to pursue careers in a diversity of sectors, regardless of which of our courses they decide to study.

"The computer science course run by DCS is the best among UK universities. If you are looking for an interesting course with the best balance of practical and theoretical syllabi, class leading staff and building facilities - look no further than Warwick's DCS."

Daniel
Computer Science BSc with Intercalated Year student 2015-2019

COURSE STRUCTURE

The structure of our degrees is intended to allow students to tailor their studies to their own interests.

On all of our courses you will study a mix of core and optional modules in each year of your degree. Typically you will have fewer core modules and increasing freedom to choose from a broad range of optional modules as you progress through your studies.

As well as choosing options from the subjects you have chosen to study, for example Computer Science and Engineering or Maths, you will also have the opportunity to choose some options from other disciplines. This includes, for example, modules taught by Warwick Business School and the Departments of Philosophy, Economics and Modern Languages.

We find this degree structure ensures students get maximum enjoyment from their time at Warwick, and graduate with a unique knowledge and skill set which helps distinguish them as they enter the world of work or further study.
COMPUTER SCIENCE

BSc Computer Science
3 years | UCAS code: G400
MEng Computer Science
4 years | UCAS code: G403

Computer Science is an exciting and challenging discipline which covers a broad and continually growing range of fields, and is now seen in nearly every aspect of our everyday lives.

Whatever your knowledge of computing or programming, our course begins with the fundamental mathematical and scientific foundations of computer science, equipping you with the knowledge and understanding required to face any technological challenge.

Our course enables you to develop technical skills in areas such as software engineering, algorithm analysis and system design, as well as giving you experience of project management, research and scientific methods. Working closely with industry leaders, you will have opportunities to develop industrially relevant subject knowledge and transferable skills, such as communication, teamwork and planning, which are highly valued by employers.

Many of these skills are further developed through the third year individual project, which students often find to be a highlight of their degree. You will bring together everything you have learned and apply it to a challenge of your choice under the supervision of world-leading academics.

Entry Requirements:
A Level: A*A*A to include A in Mathematics
IB: 40 with 6,6,6 in three Higher Level subjects to include 6 in Higher Level Mathematics (Analysis and Approaches only)

If you follow the MEng course you will have the opportunity to broaden and deepen your understanding through the study of more advanced modules and through the application of this learning in a significant group project. The group project is also an opportunity to develop your research and teamwork skills in an environment similar to what you may experience as you progress to work or further study.

Accreditation: This course is accredited by the British Computer Society, fully meeting the educational requirement for Chartered Information Technology Practitioner ( CITP) registration and, in the case of the MEng degree, for Chartered Engineer (CEng) registration.

3 or 4 years?
Students are offered the flexibility to transfer between the BSc and MEng courses until the end of their second year, subject to academic performance. Therefore if you are unsure which degree path is right for you, pick either and you can change your mind later.

“When I came to visit the campus I had the opportunity to meet the staff and other undergraduate students from the Department of Computer Science. Seeing their passion and enthusiasm for this degree convinced me this was the place to be and two and a half years in, I am feeling confident and loving my degree!”

Gowri
3rd Year Computer Science student

Accreditation: This course is accredited by the British Computer Society, fully meeting the educational requirement for Chartered Information Technology Practitioner (CITP) registration and, in the case of the MEng degree, for Chartered Engineer (CEng) registration.

3 or 4 years?
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3 or 4 years?
Students are offered the flexibility to transfer between the BSc and MEng courses until the end of their second year, subject to academic performance. Therefore if you are unsure which degree path is right for you, pick either and you can change your mind later.

“When I came to visit the campus I had the opportunity to meet the staff and other undergraduate students from the Department of Computer Science. Seeing their passion and enthusiasm for this degree convinced me this was the place to be and two and a half years in, I am feeling confident and loving my degree!”

Gowri
3rd Year Computer Science student
COMPUTER SYSTEMS ENGINEERING

BEng Computer Systems Engineering  
3 years | UCAS code: G406

MEng Computer Systems Engineering  
4 years | UCAS code: G408

Entry Requirements:

A Level: AAA (BEng) or A*AA (MEng) to include A in Mathematics

IB: 38 including 6 in Higher Level Mathematics 'Analysis and Approaches' (BEng) or 38 with 6,6,6 in three Higher Level subjects including 6 in Higher Level Mathematics 'Analysis and Approaches' (MEng)

If you follow the MEng course you will stay on for a fourth year to study more advanced material and participate in an interdisciplinary Engineering group project, which will help advance your research and development skills in a team environment closer to what you may experience as you progress to work or further study.

If you study the 3-year variant of this course you may choose to have your degree awarded as a BEng or a BSc.

Computer Systems Engineering is a fully integrated degree taught jointly by the Department of Computer Science and the School of Engineering.

This degree focuses on the design of computer systems and their real-time applications, with an emphasis on pervasive technologies including wireless networks, mobile devices and sensors, robotics and wearable technology.

You will receive a firm grounding in the principles of computer science, which is complemented by the knowledge and skills you will gain as an electronic engineer, with specific emphasis on digital electronics, low-power systems, communications, control and real-time operation.

This combined knowledge will give you the ability to apply state of the art computer science methods in areas such as the validation and verification of software, fault-tolerant design and code optimisation, and to use high-performance computing techniques to design efficient and robust embedded systems.

In your third year you will undertake an individual project, where you will have the opportunity to apply your knowledge to a subject of your choice under the supervision of world-leading academics from Computer Science and Engineering.

Accreditation: This course is accredited by the British Computer Society, fully meeting the educational requirement for Chartered Information Technology Practitioner (CITP) registration and, in the case of the MEng degree, for Chartered Engineer (CEng) registration.

3 or 4 years?

Students are offered the flexibility to transfer between the BEng and MEng courses until the end of their second year, subject to academic performance. Therefore if you are unsure which degree path is right for you, pick either and you can change your mind later.

If you follow the MEng course you will stay on for a fourth year to study more advanced material and participate in an interdisciplinary Engineering group project, which will help advance your research and development skills in a team environment closer to what you may experience as you progress to work or further study.

If you study the 3-year variant of this course you may choose to have your degree awarded as a BEng or a BSc.

Accreditation: This course is accredited by the British Computer Society, fully meeting the educational requirement for Chartered Information Technology Practitioner (CITP) registration and, in the case of the MEng degree, for Chartered Engineer (CEng) registration.

3 or 4 years?

Students are offered the flexibility to transfer between the BEng and MEng courses until the end of their second year, subject to academic performance. Therefore if you are unsure which degree path is right for you, pick either and you can change your mind later.

Computer Systems Engineering is a fully integrated degree taught jointly by the Department of Computer Science and the School of Engineering.

This degree focuses on the design of computer systems and their real-time applications, with an emphasis on pervasive technologies including wireless networks, mobile devices and sensors, robotics and wearable technology.

You will receive a firm grounding in the principles of computer science, which is complemented by the knowledge and skills you will gain as an electronic engineer, with specific emphasis on digital electronics, low-power systems, communications, control and real-time operation.

This combined knowledge will give you the ability to apply state of the art computer science methods in areas such as the validation and verification of software, fault-tolerant design and code optimisation, and to use high-performance computing techniques to design efficient and robust embedded systems.

In your third year you will undertake an individual project, where you will have the opportunity to apply your knowledge to a subject of your choice under the supervision of world-leading academics from Computer Science and Engineering.

Accreditation: This course is accredited by the British Computer Society, fully meeting the educational requirement for Chartered Information Technology Practitioner (CITP) registration and, in the case of the MEng degree, for Chartered Engineer (CEng) registration.

3 or 4 years?

Students are offered the flexibility to transfer between the BEng and MEng courses until the end of their second year, subject to academic performance. Therefore if you are unsure which degree path is right for you, pick either and you can change your mind later.
Our Discrete Mathematics course combines the study of computer science and mathematics. It focuses on studying the mathematical structures which form the foundations of computing and its modern applications.

The course is taught jointly by the Department of Computer Science and the Warwick Mathematics Institute, both world-leading in their fields, making it the ideal choice for talented mathematicians with an interest in technology.

Our course is designed to allow you to develop your skills in both mathematics and computer science, covering areas such as software engineering, combinatorial analysis, formal proof and algorithmic analysis. However, it is the combination of these skills, enabling students to both analyse and solve problems in an abstract sense and realise solutions through computer software, which makes graduates from this course highly employable.

Warwick is also home to the Centre for Discrete Mathematics and its Applications (DIMAP), a multidisciplinary research centre for discrete modelling, algorithmic analysis and combinatorial optimisation. This means you will be working alongside internationally renowned academics at the centre of the latest research breakthroughs.

In your third year you will work alongside academics on an individual project, where you will apply your skills to an area of your choice under the supervision of our world-leading academics. In your third and, if following the MEng, fourth years you will be exposed to cutting-edge research and focus on more advanced and exciting areas at the interface of computer science and mathematics.

“...was most certainly the Machine Learning module. This area of technology is growing quickly and I love how it’s applicable to areas which mean a lot to me, such as healthcare and education. I now work as a Software Engineer at a fintech startup in London - an interest that was shaped by my whole experience of being a student in the Computer Science department at Warwick. The modules, the staff and my peers all contributed to my seeing the value of building useful products using code and subsequently pursuing this as a career.”

Caleb
Discrete Mathematics with Intercalated Year BSc student 2014-2018
Now Software Engineer
DATA SCIENCE

BSc Data Science
3 years | UCAS code: 7G73

MSci Data Science
4 years | UCAS code: G304

Entry Requirements:
A Level: A*AA to include A* in Mathematics and A in Further Mathematics or AAA to include Mathematics and STEP (grade 2)
IB: 37 overall to include 7 in Higher Level Mathematics ‘Analysis and Approaches’ or 36 overall to include 6 in Higher Level Mathematics ‘Analysis and Approaches’ + STEP (grade 2) or 36 overall to include 7 in Higher Level Mathematics ‘Applications and Interpretations’ + STEP (grade 2).
For a more extensive list visit warwick.ac.uk/statistics/courses

Data Science is concerned with how we gain knowledge from the vast volumes of data generated daily in modern life, from social networks to scientific research and finance, and the sophisticated computing techniques required to do this.

Our Data Science degree, the first undergraduate degree of its kind in the UK, is delivered jointly by the Departments of Computer Science and Statistics, with some modules being taught by specialists from the Warwick Mathematics Institute.

This flexible course gives you opportunities to develop your computing, statistical and mathematical skills while solving real-world problems as you study the theory and processes behind large-scale data analysis and its applications.

You will develop expertise in specialist areas of machine learning, data mining and algorithmic complexity, and acquire skills in analytical thinking, cross-disciplinary communication, and mathematical and statistical modelling. The unique skill set you will develop is hugely in-demand in both industry and research, and you will find yourself thoroughly prepared for the vast range of career opportunities that are consequently available to you.

CORE MODULES

YEAR 1
- Programming for Computer Scientists
- Design of Information Structures
- Mathematical Programming I
- Linear Algebra
- Mathematical Analysis
- Sets and Numbers
- Statistical Laboratory
- Introduction to Probability
- Mathematical Techniques

YEAR 2
- Database Systems
- Algorithms
- Software Engineering
- Stochastic Processes
- Mathematical Methods
- Mathematical Statistics Part A
- Mathematical Statistics Part B

FINAL YEARS
The third (final) year of the BSc allows you to forge a strong curriculum through a selection of more advanced modules in statistics and computer science, such as machine learning and Bayesian forecasting. It also includes a Data Science Project, which is your opportunity to showcase and expand your data analytic knowledge and skills.

The third year of the MSci also includes a module whose aim is to prepare you for the statistical investigative cycle from problem formulation to the communication of conclusions. The fourth (final) year of MSci offers a range of advanced modules from across Data Science, and you also choose a Master’s level dissertation project from a wide selection of topics.

EXAMPLES OF OPTIONAL MODULES
- Artificial Intelligence; Games, Decisions and Behaviour; Neural Computing; Machine Learning; Approximation and Randomised Algorithms; Mobile Robotics; Computer Graphics; Professional Practice of Data Analytics

For more examples of Computer Science modules see: warwick.ac.uk/dcs/teaching/modules
BSc Computer Science with Business Studies
3 years  |  UCAS code: GN42

Entry Requirements:
A Level: A*A*A to include A in Mathematics
IB: 40 with 6,6,6 in three Higher Level subjects to include 6 in Higher Level Mathematics (Analysis and Approaches’ only)

Our Computer Science with Business Studies course is run jointly with the Warwick Business School (WBS), one of the leading business schools in Europe.

You will spend the first two years of your degree studying Computer Science, followed by a year studying in the Business School, where world-leading academics and industry professionals will teach you about business and management practices. As with our Computer Science course, no prior knowledge of computer science or programming is required.

Through studying the role of technology in the modern business environment, you will gain rigorous computer science and business expertise which can be applied to utilising technology to meet real-world business goals.

You will gain technical skills in software engineering and system design, as well as an understanding of how these impact organisations. Software engineering projects conducted throughout your degree are taught in conjunction with industry professionals and give you the opportunity to test your skills against real-world problems. Alongside a range of technical skills, you will have opportunities to develop business and industrial knowledge with relevant real-world skills, including those in communication, planning and management.

The courses on offer at Warwick helped highlight the areas of computer science I found most interesting. The opportunity to take more modules at the start of a term to establish which courses were best suited and then retain the most interesting ones to me was very helpful.”

Will Computer Science BSc student, 2014-17 Now Software Engineer at The Hut Group

EXAMPLES OF OPTIONAL MODULES
Functional Programming; Visualisation; Business Data Analytics; Computer Security; Mathematical Programming; Algorithmic Graph Theory; Artificial Intelligence; Simulation; Marketing; Design in Business; Company Law; Accounting in Context; Corporate Strategy; Behavioural Economics; Organisational Analysis; Starting a Business; Enterprise Information Systems; Consumer Behaviour; Supply Chain Management; Global Sourcing and Innovation

For more examples of Computer Science modules see: warwick.ac.uk/dcs/teaching/modules
APPROACHES TO TEACHING

All our degree programmes offer a level of flexibility so that you can tailor your degree to the subjects that interest you most, meaning our students can have different experiences of teaching and learning during their time at Warwick.

Although each student’s experience may differ, there are some elements of teaching and learning that all students are likely to experience at some point during their time in our department.

This page gives an overview of some of the opportunities and experiences, as well as the huge levels of support available to students on our courses.

If you are considering the Data Science degree we advise visiting the Department of Statistics webpages for more information about teaching, learning and assessment on this degree programme.

warwick.ac.uk/statistics

SUPPORT

As a department we are committed to offering each student a personalised experience and extensive support throughout their time at university.

On arrival at Warwick you will be allocated a dedicated Personal Tutor, an academic from within the department who you will be encouraged to meet with on a regular basis. Your personal tutor can offer support and guidance for all matters relating to your academic progress or personal wellbeing. Additional academic support is also offered by our teaching staff who have dedicated open Office Hours in which you can go to them should you have questions relating to any of the course content.

Our students often find their peers also provide a great source of support, encouragement and, of course, friendship throughout their degree, and we encourage students to work together on revising study materials. Our student Computing Society also offers academic and professional skills support through regular programming workshops, academic talks with industry professionals as well as hosting gaming and other social events.

In addition the university’s Wellbeing Support Services provide a range of support to help students develop useful skills and resources for navigating student life.

TEACHING

Our courses offer a balance of core material delivered through lectures, small-group seminars and hands-on laboratory sessions. Lectures are large group lessons in which an academic will speak for usually around an hour on a particular subject. Seminars offer an often complimentary smaller group session where you will have a chance to build on topics introduced in lectures, while laboratory sessions provide opportunities to apply your learning and develop your practical skills under the support of supervision staff.

Approximately a quarter of your time is spent in timetabled classes, with the remainder being used for private study, completing assignments or projects, and practical work in the dedicated computing laboratories which are open 24/7.

ASSESSMENT

Your performance on most modules will be assessed by a combination of coursework and written examination. The coursework may be individual or group work involving programming, research, writing and/or presentations. Typically in the third and fourth years of some of our courses, depending on which degree path you follow, project work is fully assessed by a presentation and project reports.

Each year contributed to the final degree classification, typically in the ratio of 10:20:60 for a BSc degree and 10:20:35:35 for an integrated Master’s degree, dependent on degree stream.
RESEARCH SPOTLIGHTS

Take a look at some of the exciting research our academics are working on to get an idea of the challenges and progress being made in the sector right now.

TURNING FREE-TEXT TO KNOWLEDGE
Professor Yulan He

90% of the world’s data is stored in the unstructured text format making it difficult for machines to understand and analyse. But what if computers were able to understand the semantic meanings conveyed in humans’ spoken language and written text?

This is the ultimate goal of Professor Yulan He whose current research in our department uses a combination of machine learning and language processing techniques to analyse social media content, online user behaviour and opinions expressed on the web.

Professor He explains, “Together with my students and collaborators, we have proposed a series of unsupervised Bayesian models for automatic extraction of newsworthy events discussed on Twitter. We have also developed models which can discover hierarchical viewpoints and opinions expressed in social media during the US general election and Brexit.”

Undergraduate students have the opportunity to draw on examples from Professor He’s research which she shares in her teaching to show how data mining approaches can be used to analyse social media data.

However Professor He’s interests and the implications of her research also reach far beyond just social media as she explores the use of statistical methods for acquiring knowledge from clinical documents, biomedical literature and the investigation of artificial intelligence techniques in finance, legal and insurance documents.

Speaking of her current work, Professor He added “I am currently an academic lead of the cR&D project, funded by Innovate UK, which aims to develop statistical models in order to uncover the hidden meaning within unstructured data to provide output that is human readable, comprehensible and succinct. Examples of such data include case notes in Adult & Child Care, Medical/Patient Records, Clinical & Pharmaceutical Trials, Insurance Claims and Legal Margin Notes.”

THE FUTURE OF E-VOTING
Professor Feng Hao

E-voting systems are increasingly being used in elections around the world. However the systems used in countries such as India, Brazil and the US are currently unverifiable; they rely on “trusted authorities” such as government-appointed election officers to tally votes.

It is this reliance on “trusted authorities”, who in the advent of e-voting are also required to have expertise in computer science and cryptography, that is being challenged by one of our department’s research teams, led by Professor Feng Hao. Professor Hao is looking into how cryptography can be used to make an e-voting system verifiable with the aim “to provide a means whereby voters can independently verify that their votes are accurately captured and tallied by the system”, hence ensuring that the integrity of an election result is maintained. In the process, the researchers eliminate reliance on trusted authorities who tally the cast votes, so the election is “self-tallying.”

Such a secure and publicly verifiable system could be used in all manners of elections, from local to national, and would be more secure, usable and dependable. The system Professor Hao is researching would also detect and provide evidence of electoral fraud, thereby acting as a strong deterrent to vote-tampering, furthering trust in the integrity of the outcome.

In the longer term, Professor Hao aims to create freely available open-source software tools for voting and auditing, and is in the process of commercialising such e-voting research under the Innovate UK academic start-up programme.

collaboration with Professor Bimal Kumar Roy of the Indian Statistical Institute under the support of a Royal Society International Collaboration award. Their research looks at using this kind of system to strengthen e-voting in India, where electronic voting machines have replaced paper ballots in all national and general elections in the country.
CAREERS

Our graduates are highly sought after by premier graduate employers, who appreciate the rigour and industrial relevance of our degree courses.

This means that our students have a great deal of freedom in deciding on their career path, with the majority having a host of exciting options open to them on graduation. Sectors popular with our students include software engineering, technical consultancy and financial services.

We work closely with the university’s Student Careers and Skills Centre to offer guidance and support on graduate employment, including application reviews, interview preparation and one-to-one advice. We also have a dedicated departmental careers advisor. In addition to the University’s careers fairs, our students benefit from departmental careers events including our annual flagship "Computing Your Career", where we host multi-national organisations with whom we have long-standing partnerships.

97% of graduates in employment within 6 months of graduation (Derived from the HESA Destinations of Leavers from Higher Education Survey 2016/17)

3rd in the UK with an average salary of £46,300 for graduate earnings five years after graduation (2018 longitudinal education outcomes dataset)

Turn over to see where a degree from our department has taken some of our recent alumni...

STUDY ABROAD, INTERNSHIPS AND PLACEMENTS

We offer a variety of opportunities to students on all of our courses to enhance their degree with industrial experience or study abroad*. Each of our degree courses has an ‘intercalated year’ option. This allows you to spend a sandwich year (between two years of your degree) studying abroad or working in industry, which will be reflected in your degree title. An alternative to a year spent in industry is to apply for a year spent on the department’s established exchange programme with the Hong Kong University of Science and Technology. If successful, students following a four year degree can choose whether to take the year as intercalated or as a replacement for one of their degree years.

STUDY ABROAD

Our established exchange programme with the Hong Kong University of Science and Technology provides students with the opportunity to experience teaching and learning at another world-leading institution. The university also has excellent relationships with a range of institutions around the world, and offers a variety of study abroad opportunities which students may apply to if they wish. In addition to beneficiary from a rich cultural experience, students returning from studying overseas exhibit an international profile that is attractive to potential employers.

INDUSTRIAL PLACEMENTS

Students choosing to do a year in industry typically take it between the second and third year of their degree. We provide support for students wishing to spend a year in industry by promoting opportunities, hosting careers fairs and offering one-to-one sessions with our departmental careers advisor.

During your year in industry you will be supported by your personal tutor and our Industrial Liaison Team, and students working in the UK are visited by academic representatives to review their development during the year. Students who take a year-long industrial placement return with a deeper appreciation of the application of their discipline and often develop final year project ideas based on their experience. Additionally, it is common for students to obtain an offer of a graduate role in their host company on completion of their degree.

Our students have spent successful internships at companies including Accenture, ARM, Bank of America, British Telecom, Cisco, Google, GSK, IBM, Intel, Microsoft, Reuters and Unilever.

Regardless of whether you decide to take an intercalated year, there are ample opportunities to gain real-world experience through internships which the department promotes and offers support with. These programmes usually take place during the summer vacation, allowing you to apply your knowledge and skills in an industrial setting.

*subject to visa regulations

“... the core computer science fundamentals that I was taught in the first and second year were crucial to my success during my placement. In particular the focus on teaching adaptability as my internship required very quickly picking up unseen projects, languages and solutions, working with them to deliver to a deadline and move on.”

Eliot

Computer Science MEng student with an Intercalated Year as an IoT Technical Sales Specialist at Intel Corporation
My job is to run really large distributed systems that are fast and reliable. Emergency response and mitigation is a critical part, but most of the time we work on “projects”: Projects include things like writing automation, for example for releases or capacity management, writing monitoring systems, consulting with developers on launches or designs, or changing some part of the system itself, for example the load balancing algorithm. I currently work in London on Google Cloud Compute Engine and have previously worked on Google Calendar and security and privacy infrastructure.

Whilst at Warwick I interned at Google twice, the first as a developer in London and the second as an SRE in Zurich. I really enjoyed the second internship so decided to come back full time as an SRE. I find distributed systems very interesting and have a lot of fun thinking of ways in which something could break, but I also enjoy the diverse kinds of work we do.

The official goal of my job is “to automate myself out of the job”: I really like this goal and also hold it personally as something I would like to accomplish - it’s about never having to do repetitive work anymore, and getting the system to run and fix itself.

My favourite module at Warwick was Neural Computing. By focusing on the principles and underpinnings of computer science, my time at Warwick helped to equip me with the ability to continuously adapt to new developments throughout my career. The emphasis on fundamentals prepared me to engage with any technology and not just what was relevant during my studies. Most notably, the group software engineering project undertaken with an international industrial partner was particularly good at giving an insight into how theoretical concepts taught throughout the course can be applied in a real-world software engineering environment.

I now work as a Deployment Strategist, working directly with customers to deliver value from their data, and ensure they’re using our products as effectively as possible to solve problems. I’m focused on helping to create the best user experience for our customers to work with data, enabling them to answer complex questions without requiring them to master querying languages, statistical modelling, or the command line.

I always knew that I wanted to work closely with customers, in a role where I can see the direct output of my work. Through undertaking summer internships and having a strong focus on technical fundamentals in my degree, I was able to find the right role for me.

My advice to anybody starting out at Warwick would be to, alongside expanding your technical abilities, make sure you take all of the opportunities that are thrown at you to help develop industrially relevant subject knowledge and transferable skills, such as teamwork, communication, and planning.

I develop software for Accenture and their clients depending on which project I’m on. Currently, I’m specialising in writing Python code for a Cloud Platform solution taking advantage of AWS technologies.

My degree definitely helped me get offers for interviews and assessment centres because it offers a unique experience. I can also proudly say that I’m the first ever female in the UK to have an undergraduate degree in Data Science! The feeling I had when I found out I had passed my degree and got a job offer, it was incomparable, it’s one of the proudest moments of my life.

I am mostly doing platform engineering of the data science and surrounding platforms my team have created and own within Barclays. There is a lot of data analytics and science mixed in where feasible to allow for me to understand the structure of the bank’s data, where and how it is stored.

I gained several skills from my time studying Computer Science at Warwick including how to network, how to be more social, improved organisation and time management and most of my coding ability and knowledge that I utilise now. All of this, alongside my own motivation, self-taught skills and work with start-ups and as a web development contractor have helped me get to where I am today.

There were some really interesting modules that I got to choose from during my time at Warwick, and the content is updated according to the current technology, so it feels like you are ready to help advance fields of research by the time you get to your dissertation. I particularly liked the first year Web Development module as it allowed me to start working towards becoming a web development contractor whilst continuing to study my degree in later years. I did much of this work for The Boar, the student newspaper, and was actually able to open a company with a few friends doing web development which allowed us to earn some money while still at university.

Looking forward I am hoping that my own start-up business will become a success. In my job I would like to understand more about distributed systems and how our current internal platforms fully work so that in future I can help others gain a similar knowledge and feel empowered to take on any job and any role regardless of their background.
HOW TO APPLY
Applications are made through UCAS ucas.com
If you are made and accept an offer, and meet all conditions we will confirm your place and look forward to warmly welcoming you at the start of your life here at Warwick.
For more detailed information about how we process applications please visit:
www.warwick.ac.uk/study/undergraduate/apply

OVERSEAS APPLICANTS
At Warwick, we welcome applications from across the globe, and have dedicated teams available to advise and support, as well as a global network of Agents and Representatives. For more information on applying from your country see:
www.warwick.ac.uk/io

STUDENT FEES AND FUNDING
We want to ensure that, wherever possible, financial circumstances do not become a barrier to studying at Warwick. We provide extra financial support for qualifying students from lower income families.
www.warwick.ac.uk/studentfunding

ACCOMMODATION
Warwick Accommodation has over 7000 rooms across a range of well-managed, self-catering residences. We also have an excellent network of support staff in the Residential Life Team.
www.warwick.ac.uk/accommodation

DISCOVER MORE
To find out more about the University, including opportunities to visit and engage with your department of choice, visit:
www.warwick.ac.uk/undergraduate/visits

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