Andrew Mallinson

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Personal Information	- Nationality: British - Date of birth: 3rd August 1982　　　Gender: Male

Education

Oct 2001 – June 2005　　University of Warwick

- Computer Science, MEng: 1st Class Honours degree awarded.
- Fourth year project: Implementing a Grid Resource Management System Based on a Computational Economy paradigm.
- Third year project: An Agent System for Resource Negotiation and the creation of a discrete event simulation platform.

Sept 1998 – July 2000　　St. Mary's 6th Form College, Blackburn, Lancs.

- A-level subjects: Maths (A), Physics (A), Computing (A).

Sept 1993 – July 1998　　St. Augustine's High School, Billington, Lancs.

- 10 GCSEs: A* x 5, A x 4, B x 1.
- Maths (A*), Science (A*A*), English Literature (A), English Language (A).

Professional Work Experience (Sept 2005 – Present)

The Civil Service, Hubble Road, Cheltenham

Duties and Responsibilities:

- Evaluation of new technologies.
- Requirements management activities.
- Design and implementation activities for both software and infrastructure systems.

Technical Skills

- Sequential programming skills in: C
- Experience with the following compiler technologies: gcc and icc
- Functional & Declarative programming skills in: SML, Prolog.
- Object Oriented programming/design skills and expertise in Java and Delphi.
- Excellent Unix/Linux OS skills. Good working knowledge of Windows.
- Good knowledge of virtualisation technologies including: VMware, LXC, KVM.
- Strong computer networking skills: including knowledge of Cisco 1 & 10 GbE Ethernet products together with QLogic and Mellanox InfiniBand technologies.
- Software development tools: Ant, CVS, SVN, Maven and JUnit.
- Scripting language development skills in Bash, Ksh and Perl.
- Experience applying UML within large development project environments.
- Experience with Extreme Programming and Soft Systems Methodologies.
- Sound grounding in the concepts and current technologies of Grid/Cloud Computing as well as a general keen interest in the field.
- Familiar with LaTeX, Microsoft Office, Visio and other common applications.
- Strong algorithm complexity analysis skills together with strong data structure and algorithm design skills.
- Theoretical knowledge of the CSP, Data Flow, Transactional Memory and the Actor Model parallel computation paradigms.

Interpersonal Skills	▪ Highly developed team working, communication & time management skills, demonstrated through achievements within work and at university.
	▪ Completed a Systems Engineering Consultancy Skills course run by PA Consulting and applied the knowledge gained within a technical environment.
	▪ Managed technical staff on various projects within high pressure working environments in order to achieve successful, on time and budget deliveries.
	▪ Proven ability to plan in detail complex pieces of work and coordinate the resources required to successfully complete these work packages.
Academic Achievements	▪ Achieved one of the top five marks in the country for A-level Computing.
	▪ Awarded the top mark in my university class for a software engineering project.
	▪ Selected to represent Warwick University at the IBM ThinkPad Challenge, September 2003, in which the team came 3rd out of 16 top UK universities.
	▪ Achieved 1st prize in an essay competition for east Lancashire high schools.
General / Sporting Interests & Achievements	▪ In April 2010: I completed a row across the Atlantic Ocean as part of the Woodvale Atlantic Challenge ocean rowing race (www.insightatlantic.com).
	▪ I have always been & continue to be, heavily involved in sport. Mainly football but also individual disciplines including skiing, rowing, swimming & golf.
	▪ Regular member of my high school football team which reached the quarter-finals of the national schools championships.
	▪ I have a very keen interest in travelling. During my gap year I backpacked through Australia, New Zealand, the USA and Canada. I also did 2 months of voluntary work in Sri Lanka in 2005 in the aftermath of the Asian tsunami. I enjoy meeting new people as well as visiting truly amazing places.
	▪ In my spare time I enjoy reading technical journals such as IEEE Micro, Microprocessor Report and The Journal of HPC Applications.
Referees	▪ Dr. Stephen Jarvis, Dept of Computer Science, University of Warwick, Coventry, CV4 7AL. Email: saj@dcs.warwick.ac.uk Tel: 02476 524258.
	▪ Darren Furze, The Civil Service, Hubble Road, Cheltenham, GL51 0EX. Tel: 01242 221491.