

Matthew Egginton

Flat E, 19/F Lascar Court, (+852)55414914
3 Lok Ku Road, matt.egginton@gmail.com
Sheung Wan DOB: 28th May 1991

Overview I am a diligent hard working person who can work to a deadline whether in a team or as an individual. Furthermore, I am an academically bright person who can apply that knowledge. I enjoy working on applied mathematics problems with direct applications to the real world. In particular, the applications into the modelling and inference of relationships within real world settings are very interesting, and I would enjoy a career where I can use such analysis.

Education **Chinese University of Hong Kong, HK.** **09/2018–present**
Certificate in Putonghua as a Second Language, 09/2018–present

- Learnt Putonghua from beginner level
- Expected finish 18/04/2019

University of Warwick, Coventry, UK. **10/2009-02/2018**

PhD in Mathematics, 09/2014–02/2018

- Keywords: Applied Analysis and Probability, Gas Dynamics/Kinetic Theory.
 - Applied abstract mathematical theory to a notoriously hard problem in gas dynamics and combined techniques in a novel manner.
 - Paper Preprint: <https://arxiv.org/abs/1712.04557>
 - PhD thesis: https://warwick.ac.uk/fac/sci/masdoc/people/studentpages/students2013/egginton/matthew_egginton_thesis.pdf
-

MSc in Mathematics and Statistics, 10/2013–09/2014

- Class: Distinction.
 - Learnt C++ programming with the primary aim of solving Partial Differential Equations,
 - Learnt and applied the basics of statistical modelling and the use of R.
 - Group Project Report: <https://warwick.ac.uk/fac/sci/masdoc/people/studentpages/students2013/egginton/report.pdf>
 - Dissertation: https://warwick.ac.uk/fac/sci/masdoc/people/studentpages/students2013/egginton/matthew_egginton_masters_dissertation.pdf
-

Master Of Mathematics (MMath), 10/2009–07/2013

- Class: First Class Honours.
-

Freman College, Buntingford, Hertfordshire, UK. **09/2005-07/2009**

A-Levels, 09/2007–07/2009

- A in Chemistry, Further Mathematics, Mathematics, AS French and Physics

GCSEs, 09/2005-07/2007

- 10A*s and 1A

| | |
|-------------------------------|--|
| Software Proficiencies | <i>Working knowledge:</i> \LaTeX , Matlab, Microsoft Office Suite, Windows 7/8, C+. |
|-------------------------------|--|

| | |
|-----------------------------|---|
| Other Qualifications | University of Warwick Postgraduate Certificate in Transferable Skills 10/2014-11/2017 - Certificate demonstrating the abilities to communicate effectively through all methods of communication in English, as well as to effectively analyse the communication of others for a variety of purposes. - Includes attendance at modules discussing teamworking and decision making and leadership. |
|-----------------------------|---|

| | |
|------------------------------|--|
| Leadership Experience | University of Warwick, Coventry, UK. 10/2014-10/2016 MASDOC Student Staff Liaison Committee Chairman, - Chaired termly meetings of the SSLC, and ensured all meetings kept to time and people had the opportunity to discuss their desired issues. - Worked with the Secretary to ensure meetings were organised suitably for all. - Provided a confidential person for all members of MASDOC to discuss issues with in private. |
|------------------------------|--|

| | |
|----------------------------|---|
| Teaching Experience | University of Warwick, Coventry, UK. 10/2012-12/2016 Teaching Assistant for MA131 Analysis 1 10/2015-12/2016 - Taught two support classes per week which included organising assistants in the class. - Discussed teaching strategies with other teaching assistants to improve the experience for the students. <hr/> First Year Supervisor 10/2012-04/2016 - Taught small groups of up to five first year maths students. - Ensured classes were tailored to the students individual needs. <hr/> Teaching Assistant for MA3H5 Manifolds 10/2014-12/2014 |
|----------------------------|---|

| | |
|--------------------|--|
| Other Links | Academic Website: https://warwick.ac.uk/fac/sci/masdoc/people/studentpages/students2013/egginton |
|--------------------|--|

| | |
|-----------------------------------|---|
| Activities & Interests | I enjoy playing sport, most notably squash, badminton and cricket, as well as occasionally playing the piano. |
|-----------------------------------|---|