

Academic Resume

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1 University Career

I am currently a second year student in the Mathematics PhD program at the University of Arizona. I have passed my qualifying exams and am currently doing coursework in algebraic geometry and number theory as well as an RTG project in arithmetic geometry under the supervision of Dr Douglas Ulmer.

In 2006 completed a Bachelor of Science (First Class Honours) in Mathematics at the University of Queensland. My thesis was titled “Descent on Elliptic curves” and was supervised by Dr Victor Scharaschkin. I achieved a Grade Point Average (GPA) of 7 out of a possible 7 and received the following awards:

- University Medal for 2006. Awarded for outstanding performance
- Michael P. O'Donnell Memorial Prize 2005. Awarded for performance in 3rd year pure mathematics courses.
- Australian Mathematical Sciences Institute Summer Vacations Scholarship 2006. I studied in the field of Algebraic Topology under the supervision of Dr Joe Grotowski during this 6 week program.
- James Cecil Stevenson Memorial Prize 2004. Awarded for performance in 2nd year pure mathematics courses.
- Maude Walker Prize 2004. Awarded for performance in 2nd year science courses.
- Queensland Parallel Supercomputing Foundation Award 2004. Awarded for highest grade in 2nd year computational mathematics.
- School of Physical Sciences Summer Program Undergraduate Research Scholarship 2005. I studied in the field of General Topology under the supervision of Dr Victor Scharaschkin during this 6 week program.
- Kenneth Swanwick Memorial Prize 2003. Awarded for performance in 1st year maths courses.

2 Teaching Experience

From 2007-2008 I have been a Graduate Assistant in Teaching at the University of Arizona. Here I have taught college algebra (twice) and precalculus (once). In these courses I have been, under the supervision of experienced instructors, the sole teacher responsible for preparing and delivering lectures, writing tests and grading homework, tests and exams.

From 2004-2006 I worked as a tutor for the School of Physical Sciences, University of Queensland in undergraduate mathematics courses. In this capacity I was the sole teacher for one hour a week for small groups of up to 30 students. I supported the lectures by offering small group and individual help on assignments and tutorial sheets as well as explaining concepts to the whole class.

3 Work Experience

- 2007 Feb to July – Worked as a Support Analyst at Digital Instinct, a company that develops rostering software. I provided client support via phone and email and also carried out testing, documentation and training.

4 Other Skills

I am proficient in the following computer skills:

- Matlab, Java and Visual Basic programming.
- LaTeX, the standard mathematical typesetting program.
- Windows and Macintosh operating systems and their standard programs.

5 Citizenship

- Citizenship: Australia
- US Visa: F-1