

Frederick Robinson

Los Angeles, CA

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Education

2012 **Bachelor in Mathematics with Honors**, *Northwestern University*.

2008 **High School Diploma**.

Honors and Awards

2012 Robert R. Welland Prize for Outstanding Achievement in Mathematics by a Graduating Senior

Undergraduate Thesis

Title *Persistent Homology*

Supervisors David Nadler

Description An investigation of Persistent Homology: “an algebraic method for measuring topological features of shapes and functions”

Computer skills

Proficient Go, Mathematica, Python

Basic Java, C

Miscellaneous Windows, Microsoft Office, Linux, L^AT_EX

Qualities

Personal skills: Strong analytical, problem-solving and communication skills, eager to learn and develop new skills

Experience with:

Jobs

2012-2013 **Teaching Assistant**, *Description*.

Research Programs

Date **Tropical Geometry**, *Description*.

Date **ANT**, *Description*.

Date **Indiana REU**, *Description*.

Languages

English **Fluent**

Spanish **Proficient**

Publications

- [1] Frederick Robinson and Michael Wurtz. On the magnitudes of some small cyclotomic integers. *Acta Arithmetica*, Accepted.