Fengyang Wang

2A Honours Mathematics at University of Waterloo
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SUMMARY OF QUALIFICATIONS

- Open-source contributor skilled in Python, C, C++, etc.
- Strong teamwork skills and experienced version control user (Git and Mercurial)
- Algorithm and data structure knowledge; high school Olympiad participant
- Communication skills developed through 2+ years as a mathematics instructor

EXPERIENCE

Bloomberg LP   New York City: 2016
Software Developer Intern

- Developed a complex event processing system using Scala and Apache Storm
- Used cloud-based technologies to ensure scalability and reproducibility
- Integrated new system with existing infrastructure, including UI and database work

Grand River Chinese School   Kitchener: 2012–present
Math Teacher

- Designed and taught a mathematics curriculum for advanced-level students
- Gradually increased class size from 9 to 21

EDUCATION & DISTINCTIONS

Candidate for Bachelor of Mathematics, University of Waterloo   2015–present
Term Dean's Honours List ×2   2015, 2016
Réné Descartes National Scholarship ($25000), awarded by University of Waterloo   2015

Top 200 in **William Lowell Putnam Mathematical Competition**   2015

- Competition held across North America
- 3rd best result at University of Waterloo

Qualified twice for **Canadian Mathematical Olympiad**   2014, 2015

- Qualified with about 60 other high school students across Canada
- Solved difficult math problems

Silver Medal, **Canadian Computing Olympiad**   2014

- Qualified with about 20 other high school students across Canada
- Used efficient algorithms and data structures to solve problems

SELECTED PROJECT

Currencies.jl   2015–2016

- Designed a currency format and computation library with tests and documentation
- Included in the official Julia language package repository