

Zefang Zhu

3A Computer Science, UWaterloo
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Objective

An internship position in the field of Computer Science.

Summary of Quantification

- Proficiency in C/C++, Scheme(Racket), Java
- Advanced knowledge with Windows, OS X, Linux(Ubuntu/debian) operating systems, and Bash scripting
- Knowledge of web-development languages including HTML, CSS, Javascript, PHP
- Experience with scientific packages including Matlab
- Knowledge of SQL
- Able to manage projects independently or work with others in interdependently

Projects

Monopoly Game, C++ <https://github.com/AmyAmyZhu/bb7k>

- Implemented a game of monopoly with basic graph display UI and utilized some popular design patterns
- Used a detailed UML to plan and illustrate relationship between classes
- Strengthened project management skills by working in pairs

WLP4 Compiler, C++, MIPS <https://github.com/AmyAmyZhu/CS241>

- Developed a simplified C++ language(WLP4) compiler that supports linking, loading, and parsing
- Implemented a MIPS assembler that translates a MIPS assembly language program into a MIPS machine language binary file

Education

Bachelor : Computer Science, 2017

University of Waterloo — Waterloo, ON, Canada

- Minor in Economics
- **Related Courses:** Design and Abstraction, Object-Oriented Programming, Sequential Programs, Data Structure and Algorithm, Operating System, Database management, Numerical Computation

Work Experience

Web Developer/IT Assistant

March 2016 to June 2016

Syme Woolner Foundation — Toronto, ON

- Design the appearance, layout and flow of Syme Woolner's website
- Co-creating visual aspects and optimize content for the website using a variety of graphics, database animation and other software

Accountant's Assistant

June 2012 to August 2012

HuaMing Accountants Company — Wenzhou, China

- Organizing files and learn accounting and invoicing
- Computing spreadsheets for accountants by using Excel

Extra-Curricular Activities

University of Waterloo, Waterloo, ON

- **Volunteered Peer Mentorship Training Program**, April, 2014 -- August, 2014
- **Member of Mathsoc**, Sept. 2013 -- Dec. 2013

More information, check personal website: <https://amyamyzhu.github.io/>