

Mingze(Edward) Lin

U.S. Permanent Resident | 3A Computer Science
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EDUCATION

UNIVERSITY OF WATERLOO

CANDIDATE BACHELOR OF
COMPUTER SCIENCE (CO-OP)

Expected May 2021 | Waterloo, ON
All terms received above Good Standing

LAKEFIELD COLLEGE SCHOOL

Grad. Jun 2016 | Lakefield, ON

SKILLS

PROGRAMMING LANGUAGES

Over 5000 lines:

Java • C++/C • JavaScript • Java2EE
MySQL • HTML5/CSS3 • JavaScript

Over 1000 lines:

Shell • XML • Matlab • JSP • JQuery •
VueJS • Assembly

SOFT SKILLS

- Strong Communication Skills
- Great Tutoring Skills
- Qualified Time Management Skills
- Quick Adaption to New Technologies
- Self-motivated and Eager to Learn

LINKS

Github: <https://github.com/mingzelin>

LinkedIn: **Mingze Lin**

AWARDS

UNIVERSITY SCHOLARSHIP

- President's Entrance Scholarship
(September, 2016)

ACHIEVEMENT

- Individual Award, Euclid Mathematical Contest (September, 2016)
- National Engineering Challenge Superior Award (2016)
- Advanced Placement Computer Prize, Lakefield College (2016)

ADDRESS

• 458 Timbercrot Crescent, Waterloo
N2T 2J2

EXPERIENCE

CERTIFIED INTERNATIONAL VOLUNTEER

Aug 2018 – Sep 2018 | Bali Indonesia, Mar 2016 – April 2016 | Ecuador,

- Help to build roads and furnish schools in Ecuador
- Organize culture exchange programs in Indonesia and Ecuador
- Developed Strong communication skills
- Optimistic attitude and passionate about the undergoing chosen path

HELIAN SMARTAUTO(CHINA) INFO SYSTEM | ASSISTANT ENGINEER (JUNIOR FULL STACK DEVELOPER)

July 2017 – Aug. 2017 | Beijing, China

- Design and maintain both front-end, back-end and database of a forum website.
- Foster JS, HTML5 and CSS3 through designing various web pages, creating corresponding components and sending/handling HTTP requests
- Implement unit tests for both JS and Java to fully test functions
- Debug web application front-end

PANDA ELECTRONICS | QUALITY ASSURANCE

July 2016 – Sep 2016 | Nanjing, China

- Quality Assurance on IC card and electronics

LAKEFIELD COLLEGE SCHOOL | STUDY CENTER ADMINISTRATOR

Sep 2015 – June 2016 | Lakefield, ON

- Coordinate related school events and activities
- Manage library and common study space

PROJECTS

QUADRIS GAME | A CONSOLE BASED VERSION OF TETRIS

- Built with C++ & adopted MVC pattern, Observer Pattern and Factory Method Pattern. Developed deep understanding of OOP concepts.
- Thoroughly tested the program with extreme care
- Solo handled 70% of the coding, less than 30% is teamwork

WLP4 COMPILER | A FULL-FLEDGED COMPILER BUILT FROM SCRATCH

- Built with C++, compile from C-like language "WLP4" to generate MIPS Assembly code
- The compiler scored 95% by CS241, it contains Lexical Analysis, Syntax Analysis, Semantic Analysis, Code Generation and etc.

AVALON (UNDER CONSTRUCTION) | DYNAMIC PERSONAL WEB

- Built with JSP, JS and mysql and used no framework
- Implemented user register and log-in feature

SOCIETIES

CROSS COUNTRY RUNNER GROUP • Lately attended Yunnan Lijiang Marathon in June 2018

- Participate all forms of running competition since 2015

MODEL UNITED NATIONS

- Attend annual model UN held by University of Toronto since high school consistently