

Eugene Lu

778-885-5228

e6lu@uwaterloo.ca

in [linkedin.com/in/eugene-lu1/](https://www.linkedin.com/in/eugene-lu1/)

github.com/YenFu1

Qualifications

- **Languages:** C++, C#, Swift, Python, JavaScript, HTML, CSS, Objective-C
- **Software:** Microsoft Office, Git, Visual Studio Code, XCode, Jira
- **Operating Systems:** Linux, Windows, MacOS
- Excellent time management skills from completing the IB diploma while holding executive positions in the Model UN club and History club
- Solid communication skills from collaborating with co-workers at Pelmorex Media
- Working knowledge of embedded system development from using the Arduino and Raspberry Pi in programming courses

Experience

Teaching Assistant Sep 2018 to
University of Waterloo Dec 2018

- Wrote python scripts which tested and graded student coding assignments
- Demonstrated excellent teaching ability by tutoring students in C++ and holding resume critique sessions
- Helped students debug and test their programs
- Designed programming questions for students to solve in tutorials

QA Developer – Mobile Jan 2018 to
Pelmorex Media May 2018

- Pair-programmed to implement features such as a video player and GDPR compliance for The Weather Network iPhone app
- Followed test-driven development principles and worked under the agile methodology
- Wrote automated UI tests in Swift using the XCTest library
- Demonstrated a keen attention to detail by manually performing sanity tests

Projects

Real-Time Strategy Game Sep 2018 to
Languages used: JavaScript, Dec 2018
TypeScript

- Developed with a group of friends; RTS game revolving around capturing buildings to earn income and train units to defeat the other player
- Designed and programmed the game units and structures and other core mechanics such as income and building capture

Multi-Purpose Discord Bot Sep 2017 to
Languages used: JavaScript Oct 2017

- Independently developed; can implement moderation tools and post a StarCraft II player's rating
- Scraped the HTML of a website containing StarCraft II player information and parsed it
- Implemented the profanity filter by writing to a JSON file which contained blacklisted words

Education

Candidate for Bachelor Sep 2017 to
of Computer Engineering Present
University of Waterloo Waterloo, Ontario

Relevant Courses:

- Fundamentals of Programming, C++
- Data Structures and Algorithms, C++

Awards and Distinctions

President's Scholarship Sep 2017
• Received \$2000 for achieving an average of 92% in high school

UBC Physics Olympics Mar 2017
• Ranked 5th overall
• Ranked 3rd in Fermi Challenge

Hobbies and Interests

- StarCraft II – Grandmaster League
- Badminton
- Esports Club – Executive