

Yifan (Dominic) Mo

3A COMPUTER ENGINEERING (EXPECTED GRADUATION DATE: 04/2019)

3-429 Keats Way, Waterloo ON, Canada N2L 5S7

☎ (+1) 519-721-4999

| ✉ y4mo@edu.uwaterloo.ca

| 🏠 ymo13.github.io

| 📱 ymo13

Technical Skills

- Software Languages: C#, C++, Java, TypeScript, JavaScript, HTML, CSS, Python, Matlab, Lua.
- Hardware Languages: VHDL, Assembly.
- Frameworks: Angular 2, WET, Node.js, Microsoft Azure.
- Version Control Platform: Github.

Experience

PROFESSIONAL

D+H Limited Partnership

Mississauga, ON

SOFTWARE DEVELOPER

Jan 2017 – Apr 2017

- Created new component for the team's UI-Toolkit using Typescript and Angular 2.
- Built reference websites using Web Experience Toolkit (WET) and Angular Material 2 to show demos and documentation for the currently available components in the UI-Toolkit.
- Researched and conducted machine learning algorithms on building prototype for loan application decision making under Microsoft Azure environment using Python.
- Proposed new web accessibility standard team-wise based on WCAG 2.0 and Ontario government's regulations.

Microdea

Markham, ON

SOFTWARE QA

May 2016 – Aug 2016

- Manual testing of WPF and web applications.
- Hands-on experience using Teststack.White framework on WPF automation testing.
- Created automation test cases using C#.
- Exposed with web automation tool Selenium.

Zynga

Toronto, ON

QUALITY ASSURANCE ENGINEER

Sept. 2015 – Dec. 2015

- Refined and executed existing core test plans, execution time is compressed by 20%.
- Created and developed new feature test plans.
- Reported all issues with highly organized and in-depth description.
- Regularly communicated updates and progress to team and QA leads.
- Investigated alternative testing methodology such as UI testing with Xcode 7.

Apartment

Waterloo, ON

TECHNICAL SUPPORT

Apr. 2015

- Created web crawler using JavaScript to expand company's customer database.
- Uploaded large amount of customers' data to server.
- Effectively communicated with landlords across country.
- Actively posted on company's blog and other social media channels.

NeuRecall

Waterloo, ON

CONTENT&UI DEVELOPER

Mar. 2015

- Incorporation of plugins for speech recognition, foreign-language keyboard entry, and online translation.
- Greatly expanded educational content database, especially on Chinese language learning.
- Effectively organized different documents for company's software platform.
- Designed beta user recruitment protocol.

VOLUNTEER

Town Centre Private High School

Markham, ON

TUTOR

Sept. 2013 – Jun. 2014

- Taught 5 high school students mathematics, chemistry, and physics.
- Resulted in 6% rise of one student's mathematics grade from 77% to 83%; 4% rise of another student's physics grade from 72% to 76%.
- Developed communication skills through tutoring with students of different learning styles.

Town Centre Private High School

Markham, ON

MENTOR

Sept. 2013 – Jun. 2014

- Actively involved as an ambassador and helped newly arrived international students to fit into the school.
- Improved leadership by acting as a role model.

PROJECTS

ResOhm (Personal Project)

C#

- Able to decode the colors for 3, 4 and 5 bands resistors and return user the resistor value along with other parameters.

Snake Game(Personal Project)

JavaScript, HTML, CSS

- Classic snake game on canvas.

Web Crawler (Personal Project)

JavaScript

- Automatically search for email addresses on Kijiji postings on user defined page range and output all the email addresses found on a txt file.

VHDL Synthesizer and Simulator (Course Project)

Java

- Ongoing semester long project to build a compiler for a subset of VHDL which creates gate schematics and timing simulation.

Awards & Achievements

UNIVERSITY OF WATERLOO

- 2016 **10th Place**, Term Dean's Honours List
- 2014 **Finalist**, President's Scholarship of Distinction
- 2014 **School Champion**, Euclid Mathematics Contest

Education

University of Waterloo

Waterloo, Canada

CANDIDATE FOR BACHELOR OF APPLIED SCIENCE, HONOURS COMPUTER
ENGINEERING

Sept. 2014 - Present