Yifan Ma

2A Software Engineering

University of Waterloo

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Summary of Qualifications

loves programming

familiar with a variety of programming languages, styles, and concepts

experience with working in a software development team

quick and open-minded learner

resourceful problem-solver with an analytical mindset

organized and communicates well

flexible and adaptable to new situations

thank you for considering me, but please note I am only available for a 4-month period

Work Experience

Front-end Developer, MetalTrading Inc., Remote   **May-Aug '16**
- built a sophisticated web trading platform with Angular2 and socket.io
- used event emitters, promises, observables, injectables etc.
- did a little work in SQL Server and node.js
- worked closely with a team to meet client's requirements and deadlines

Computer Programmer, AAFC, Harrow, Ontario   **May-Aug '16**
- created a data-processing VB application that also automated Excel
- updated the CANB model which was written in Fortran

Applied Innovation Intern, RBC, Toronto, Ontario   **Aug '14**
- maintained, showcased, and researched potentially useful technologies

Other Projects

Personal Website   **May-Jun '16**
- yifanm.github.io (not meant to be professional)
- independently written from scratch using HTML, CSS, JS/JQuery
- my playground for web technologies such as animations, web APIs (such as embedded viewers), modals, font-face etc.

Rainmeter   **Jun '16**
- created and styled some dynamic desktop components

Doodlejump   **Oct '15**
- in a C-like language on a Tiva Launchpad using its bitmap OLED

Employee Database   **Apr '15**
- pseudo-database in Java to practise hash tables

Interests

Web Development (in progress)   **Ongoing**
- a more professional personal website using Bootstrap
- a small single-player game using HTML's canvas

Android Application Development (in progress)   **Ongoing**
- an upgraded version of Pong

HackerRank   **Ongoing**
- regular algorithmic programming practice (I use Python)

Programming   **Ongoing**
- on top of other languages here, also used C and C++ before
- also familiar with styles/concepts such as dynamic programming, object-oriented programming, recursion, various data structures etc.

Woodlands Varsity Badminton Team Player   **'14-'15**
Woodlands Computer Science Club   **'12-'15**

Education

Candidate for Bachelor of Software Engineering, UW   **Ongoing**
- term averages of 85+%

Ontario Secondary School Diploma, The Woodlands School   **'15**

Awards

Honours Standings in Math/Programming Contests   **Varied**
- such as CCC, ECOO, Pascal, Fermat

COIN 4th Place, CPA Ontario   **'15**
Computer Science/Canadian Law Subject Awards, The Woodlands School   **'14**
3rd Place DECA ICDC, DECA International   **'14**