Adeline Wang
Electrical Engineering

adeline.wang@uwaterloo.ca   519-807-2694   adelinewang.com   github.com/AdelineWang

Languages

C++

C#

Java

Python

MATLAB

HTML/CSS

JavaScript

Tools

Android Studio

AngularJS

Flask

Firebase

SQL Management Studio

Awards

3rd place in ConnuHacks 2016

1st in Alberta in fencing

Gr. 10 RCM in piano

Shad Valley alumni

Education

Candidate for BASc, 2A Electrical Engineering

University of Waterloo

Elected Academic Class Rep

Work Experience

Engineering Teaching Assistant   Sep – Dec 2016
University of Waterloo

- Presented **C++** concepts to 400+ students in tutorials, labs, and one-on-one sessions
- Spearheaded the design and development of a website using **Flask** in **Python** that provides analysis on student statistics and performance using **MATLAB**
- Designed **Python** test scripts to automatically mark student assignments

Software Developer   Jan – Apr 2016
MD Financial Management

- Created a search feature for an **ASP.NET** application in **C#** and **SQL**
- Designed the User Interface of a web application with **HTML/CSS** and **JavaScript**
- Developed hundreds of unit tests in **C#** to robustly verify application features

Computer Science Researcher   Jun – Aug 2014
University of Alberta

- Programmed a robot controller in **Python** and tracked robots' behaviors in various environments with **MATLAB** and **Spyder**
- Presented research in UAlberta's CS Department showcase

Relevant Projects

VP of Technology   Sep 2016 - present
University of Waterloo Finance Association

- Lead developer and creator of all technology initiatives of UWFA, including website, app, internal resources

Playa   Oct 2016
deCode, University of Ottawa

- Built a cross-platform application that auto-play, save, or discard popular videos clips
- Created in theYou.i Engine with After Effects and **C++**

ProViral Vision   Jan 2016
ConnuHacks, Concordia University

- Website that initiates support for causes by adding charity logos filters to users' Facebook pictures
- Implemented photo extraction from Facebook, and login APIs

Gon   Sep 2015
Hack the North, University of Waterloo

- Created an **Android** app to recommend packing lists for events in back-end **Firebase**