

Hao Wei Huang

Computer Science and Finance Student

WORK EXPERIENCE

BDO Canada

Microsoft Full Stack Developer

Jan 2019 – Apr 2019

- Utilized various technologies including Angular, C#, CSS, HTML, MVC, and SQL server on multiple projects
 - Designed and validated custom web sign up form using Canada Post API, and Regex patterns
 - Populated dynamic visuals using Power BI and DAX expressions for BDO's internal valuation team
- Contributed to multi-million-dollar solution for Dairy Farmers of Canada during User Acceptance Testing Stage (UAT)
 - Resolved over 50+ defects reported by client including:
 - Populating pop-up forms
 - Sending confirmation emails
 - Generating customizable PDF files
 - Modifying permission and authorization methods

Canadian Imperial Bank of Commerce

Software Engineer

Apr 2018 – Aug 2018

- Deployed programs and scripts to assist traders facilitate their analysis on the Equity Market Portfolio team
 - Automated the storing process of index data using MS SQL database and Python
 - Launched a system that send emails to traders notifying upcoming index changes every morning
- Constructed a user-friendly GUI using C# to display over 20,000 index data and run index prediction analysis
 - Predicted future outlook of an index with expected shares outstanding, float shares and weighting
 - Worked extensively with Bloomberg API for precise and exclusive data points

PERSONAL PROJECT / RELEVANT EXPERIENCE

AWS Workshop

Certificate

- Completed **Amazon Web Service solutions training** for partners in Mar '19

WATonomous

UI/UX Developer

Sep 2018 – Dec 2018

- Reengineered the **front-facing graphical interface** for safety warnings and hardware status of Waterloo's autonomous vehicle design team using C++ and QT

Multi-Language

Translator

[Project Link](#)

- Published an **IOS translator app through React Native** that allows text to be translated into several languages at once
 - Utilized GCP's Cloud Translation API
 - Contributed a JS built script, enabling users to define source and target language in a class for **open source** repository, Power-Translator

AdvenTour

[Project Link](#)

- Designed a **multi-platform tourist Android App** with the theme of gamification in uOttawa Hacks 2019
 - Worked in a team of 4, **specializing in authentication** using Snap Kit API with Android Studio
 - Lead the team to prepare and pitch the app to the judges

GPA Calculator

[Project Link](#)

- Formulated a GPA calculator Android App designed for first year Waterloo and Laurier students using Android Studio

PROFILE

Phone Number

(778)-865-5530

Email

hw2huang@uwaterloo.ca

Personal Website

haowei99.github.io/Personal-Portfolio/

LinkedIn

linkedin.com/in/haowei Huang

GitHub

github.com/haowei99

SKILLS

Proficient:

Android Studio, Angular, C, C#, C++, MS SQL, Power BI, PyQT, Python, React Native

EDUCATION

University of Waterloo

Sep 2017 - Apr 2022

Candidate for Bachelor of Computing and Financial Management (3.65 GPA)

AWARDS

Dean's Honours List

[University of Waterloo](#)

Dec 2018

Runner Up (2nd Place)

[Waterloo Velocity's Problem Pitch Competition](#)

Feb 2018

Awarded \$2000 to fund R&D that strives to solve motion sickness among VR users

Semi-Finalist

[TD Bank Consulting Case Competition](#)

Nov 2017