

Hao Wei Huang

Software Developer

EXPERIENCE

CI Technologies

Full Stack Developer

Sep 2019 – Present

Vancouver, BC

- ✚ Led a project that **centralized the company's administration** service to **improve workflow** and customer relations through Java Spring, Vue.js and Vuex from scratch
 - Designed **data architecture** and **schema** with several relations between each table to optimize queries, using PostgreSQL
 - Created **responsive tables** with edit/delete modals, pagination and server-side search and sort functionalities
 - Developed logic to distinguish multiple **permission rights** such as read, write, and view
 - Implemented the **entities, controller, service** and **repository** of several modules through HQL and Spring Boot

BDO Canada

Full Stack Developer

Jan 2019 – Apr 2019

Toronto, ON

- ✚ Contributed to an enterprise level web application under an agile team using **MVC, Angular, LINQ, and Entity Framework**
 - Programmed and maintained several modules including **security access**, and integration of pop-up forms
 - Resolved **over 50+** defects related to pagination, search filter, sorting table, populating emails and generating PDFs
- ✚ Designed and validated custom web sign-up form using Canada Post API, and Regex patterns to **maintain data-integrity**
- ✚ Populated dynamic visuals using Power BI and DAX expressions to aid BDO valuation team's analysis

Canadian Imperial

Bank of Commerce

Software Developer

Apr 2018 – Aug 2018

Toronto, ON

- ✚ Constructed a user-friendly GUI using C# to visualize and analyze **over 100,000** rows of data and **run index prediction**
 - Predicted the outlook of multiple indexes (TSX/SP500) with expected shares outstanding, float shares and weighting
 - Integrated **Bloomberg REST API** into a daily-run script that maps merger and acquisition events to key stocks
- ✚ Deployed programs and scripts for stock analysis
 - Formulated a structure around various index provider data of **20,000+ rows of data** per day with Python written scripts
 - Launched a system that notify the traders of any upcoming index changes every morning

PROJECTS

Multilingual

Translator

[Project Link](#)

- ✚ Published an **iOS translator app** through React Native that allows simultaneous translation with multiple languages
 - Leveraged **GCP's Cloud Translation API** to provide real-time translation across several languages
- ✚ Build a feature allowing users to define source and target languages for Power-Translator, an **open-source** repository

AdvenTour

[Project Link](#)

- ✚ Designed a **multi-platform tourist Android App** with the theme of gamification in uOttawa Hacks 2019
 - Specialized in **authentication** using Snap Kit API

Tetris

[Project Link](#)

- ✚ Implemented a 2-player Tetris game using the **observer** and **MVC design pattern** in C++ and graphics through Xwindow

PROFILE

Phone Number

(778)-865-5530

Email

hw2huang@uwaterloo.ca

Portfolio

haoweig9.github.io/Portfolio

LinkedIn

linkedin.com/in/haoweihuang

GitHub

github.com/haoweig9

SKILLS

Languages

C, C#, C++, HTML/CSS, Java, JavaScript, Python, TypeScript

Databases

PostgreSQL, MS SQL

Frameworks

Android Studio, Angular, Entity, Hibernate, LINQ, React Native, REST APIs, Spring Boot, Vue.js

EDUCATION

University of Waterloo

Sep 2017 - Apr 2022

*Bachelor of Computer Science
with Business Option*

ACTIVITIES

Student Ambassador (present)

Microsoft Student Partner

UI/UX Core Developer (2018)

WATonomous Design Team

Dean's Honours List (2018)

University of Waterloo

Runner-up (2018)

*Waterloo Velocity's Problem Pitch
Competition*

Semi-Finalist (2017)

*TD Bank Consulting Case
Competition*