Austin Chang

changaustinj@hotmail.com I 778.251.0824 | austinchaang.github.io

SKILLS

Languages: Java, C++, C, Python, HTML, CSS, JavaScript | **DevOps:** Git, Azure DevOps| **Backend:** Django

WORK EXPERIENCE

Software Test Engineer   **May 2021 – December 2021**
Change Healthcare, Richmond, BC
- Implemented a new standalone, configurable tool written in C++ to recreate the workflow of an existing API to measure how well different storage vendors can perform using the company's product
- Updated an existing tool in Objective-C to drastically improve performance time by altering the logic in the code
- Manually tested backend services through Microsoft Test Manager and Azure DevOps to ensure high quality software products

Associate QA Test Developer   **September 2019 – April 2020**
Absolute Software Corporation, Vancouver, BC
- Tested the new Absolute product through load and automation testing, manual testing, and adeptly finding problems and documenting them in well-written reports
- Maintained and improved the Automation framework by developing robust functional and performance tests
- Thrived working under the Agile software development cycle by becoming more familiar with SDLC software such as Jenkins, Git, JIRA, and Wiki/Confluence

Food Bank Assistant Coordinator   **May 2020 – April 2021**
Alma Mater Society UBC, Vancouver, BC
- Represent the Food Bank in collaborative efforts with other organizations on campus (i.e., UBC Farm, UBC Save-on-Foods) by cultivating relationships that help operate a successful service
- Manage the Food Bank's supply of food by arranging shipments of food from donors and grocery stores to serve to clients weekly on Monday and Thursday

TECHNICAL PROJECTS

Personal Website
- My personal website is being developed to give me an opportunity to showcase my project portfolio and coding skills by creating an aesthetically looking UI while also learning new languages like HTML and CSS
- Intent on deploying my personal website with Docker and the Google Cloud Platform through various online tutorials and videos

Google Play Store Application Rating
- Given a dataset of 10 000 Google Play Store applications, I individually designed and implemented a machine learning model that can predict the rating of an app in Python, using the scikit-learn library
- Demonstrates data cleaning, feature extraction, and unsupervised learning
- Debugged and tested the model to ensure functionality

Computer Science 304- Introduction to Relational Databases:
- In a team of two, we assembled a sports team database application that illustrates ER models, logical database design, and formal relational query languages
- Designed & implemented functionalities in a front-end HTML website that manipulates the database
- Populated the database application with a SQL script

EDUCATION

Bachelor of Science – Combined Major in Science
Discipline Focus: Chemistry, Computer Science, and Life Sciences