Austin Chang

Personal Info

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LinkedIn
www.linkedin.com/in/austinjchang

Languages

Java

Python

C

C++

HTML

CSS

JavaScript

Tools/Technologies

Git/GitHub

Azure DevOps

VMware

JIRA

Jenkins

MongoDB

Postman/Fiddler

Linux/Windows

Google Cloud Platform

Microsoft Test Manager

Work History

2021-05
- 2021-12

Software Test Engineer

Change Healthcare, Richmond, BC, Canada

- Designed and implemented a configurable tool in C++ to simulate the workflow of an API, facilitating measurement of the performance of various storage vendors using the company's product.
- Optimized the performance of an internal tool by 50% by re-evaluating the logic in the code and applying changes to the Objective-C implementation.
- Conducted comprehensive manual testing of backend services using Microsoft Test Manager and Azure DevOps to maintain and ensure high-quality software products.

2019-09
- 2020-04

Associate QA Test Developer

Absolute Software Corporation, Vancouver, BC, Canada

- Tested and ensured the quality of feature products through various testing methods, including load testing, automation testing, and manual testing.
- Contributed to the maintenance and improvement of the automation framework by developing robust functional tests and performance tests
- Worked closely with cross-functional teams in an Agile software development environment by participating in sprint planning, retrospectives, and other Agile ceremonies to ensure timely delivery of high-quality software products.

Technical Projects

Personal Website Version 2

https://www.austinchang.ca

- Revamped the previous version of my website by integrating Python with HTML and CSS, employing powerful frameworks like Django and Bootstrap to improve the user experience
- Launched my Django-based web application on Google Cloud Platform's App Engine Standard Environment by leveraging the platform's robust infrastructure to deploy the application seamlessly, ensuring high availability and scalability
- Improved the accessibility of the web application by implementing responsive design using Bootstrap and other accessibility standards, ensuring that users can access the site on any device.

Personal Website Version 1

- Developed a visually appealing user interface to showcase my project portfolio and coding skills, while expanding my proficiency in HTML and CSS
- Successfully deployed a static website on the Google Cloud Platform by utilizing both the gcloud command-line interface and Google Cloud Console to configure the environment
- Implemented an additional layer of security for the website by configuring the domain to use a load balancer and validating the SSL certificate

JavaScript Project

- Engineered a fully-functional tic-tac-toe game using JavaScript, HTML, and CSS, allowing users to play against each other online and providing a fun and interactive experience
- Implemented key features such as error handling, turn management, and win detection using JavaScript, ensuring smooth gameplay and user satisfaction

Education

2016-09
- 2022-04

Combined Major in Science (Computer Science, Chemistry, and Life Sciences)

Bachelor of Science

University of British Columbia, Vancouver, BC, Canada