

Wesley Tang

Software Developer

Experience

Calgary, AB
May 2019 – Aug 2020

Synopsys — Backend Developer Intern

Developer on the SaaS Java backend of the Polaris Application Security Platform.

Updated testing framework to utilize **Docker** containers in order to benefit test isolation and build stability.

Corrected failing build stability through investigations in **Jenkins** logs and resolving flaky tests.

Implemented feature flag in Jenkins build pipeline to manage transition of upgraded testing framework.

Developed **JOOQ** components of **CQRS** architecture for performance improvement and re-architecture.

Held coaching sessions to onboard a new intern on our microservices architecture and TDD.

Projects

Secret Santa Automation Suite — Python, HTML/CSS/Javascript, Java Tools

Developed algorithm for matching over 100 Santas and recipients, given varying matching groups.

Automated message distribution through headless browser library and Imgur uploading through Imgur API.

Produced user-centric website to facilitate sign-ups with Bootstrap and JQuery.

Overlap — Java Android App

Auto-schedule meetings with Google Calendar integration and user defined restrictions.

Utilized Firebase for authentication, database and Google Calendar retrieval.

ChitrChatr — Javascript Web App

Lightweight chat app using sockets and client-server architecture with Express

Discord Chat Bot — NodeJS App

Facilitate multiple states of simultaneous games amongst differing users.

Executed with Discord.js API integration.

Text Adventure Engine — Java App

Devised parser to read custom HTML text files to generate map of formatted scenes using regex.

Loading and navigation through manager that initializes and tracks scene objects.

Education

University of Calgary

2016 - 2021

B.Sc. in Computer Science, 3.65 GPA

Concentration in Human-Computer Interactions

Skills

Languages

Java

Javascript

Python

Bash

Deployment Tools

Jenkins

Docker

Kubernetes

Web Development

NodeJS

JQuery

HTML & CSS

Other Tools

PostgreSQL

IntelliJ

LogzIO

Jira

GitLab/Github

Logo Designs



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