

Carly Huang

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SKILLS

Python, JavaScript, Java, C/C++, TypeScript, HTML, CSS, SQL, Git, JetBrains IDE

EXPERIENCE

QA Engineer Intern – Paypal, Vancouver

May – August 2017

- Collaborated with developers to perform manual testing on SQL server QA environment
- Created detailed test procedures and bug tickets on JIRA to facilitate successful deployment in an agile development environment
- Took up responsibility as the primary QA of a flagship project for the company's future transition

PROJECTS

MiniOS – Advanced Operating Systems Academic Project

Jan – April 2019

- Built a basic operating system with kernel and user modes in C

DNSLookup – Internet Computing Academic Project

November 2018

- Implemented a DNS server with recursive querying in Java

GlowUP – nwHacks

Jan 2018

Chrome extension to generate either a dad joke or a gif depending on your mood analyzed by Microsoft Emotion API from snapshots taken.

- Setup Azure SQL DB to store mood data
- Implemented custom library functions using stdlib to query the database
- Built a dashboard displaying the analysis of the aggregated mood data with HTML/CSS/JavaScript

insightUBC – Software Engineering Academic Project

Jan – April 2017

TypeScript app that enables effective querying of course and room metadata from UBC.

- Parsed zip files with JSZip and processed JSON data into list of objects
- Implemented RESTful web services with Node.js
- Created interactive user interface with HTML/CSS/JavaScript
- Performed unit testing with Mocha

Disney Cruise Line Experience – Relational Database Academic Project

Jan – April 2017

App which models the administrative system on a Disney cruise ship using Java JDBC and MySQL.

- Designed schema to model the admin system with different user access privileges
- Created queries for different user views – managers, customers, and crew members

Mind the Gap – Software Construction Academic Project

Sep – Dec 2015

Android metro system navigation app built in Java.

- Implemented parsing methods to read JSON data from TFL API
- Displayed stations, lines, branches and closest station based on user's location data on Google Map
- Performed unit testing with JUnit

EDUCATION

THE UNIVERSITY OF BRITISH COLUMBIA – *B.Sc in Computer Science*