Carly Huang

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EDUCATION

THE UNIVERSITY OF BRITISH COLUMBIA – *B.Sc in Computer Science* (Graduated 2019)

EXPERIENCE

QA Engineer Intern – Paypal, Vancouver   May – August 2017

- Collaborated with all stakeholders to perform manual testing on *SQL server* in *Agile* development process
- Participated in daily scrum meetings and biweekly planning meetings
- Took up responsibility as the primary QA of a flagship project for the company's future transition

PROJECTS

MultiTask   Dec 2019

A task manager API built with Express that runs on Node.js and uses MongoDB and Mongoose to handle data.

- Created REST API to perform CRUD operations on task and user data using MVC concepts
- Implemented automatic email delivery on user creation and removal with SendGrid
- Maintained data integrity with user authentication and JWT
- Tested program manually with Postman and wrote Jest unit tests

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
- Learned d3.js on the spot to create data visualization of the aggregated mood data

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 and implemented schema to model the admin system with different user access privileges

Mind the Gap – Software Construction Academic Project   Sep – Dec 2015

London metro system navigation Android mobile app written in Java.

- Consumed JSON data from TFL API
- Displayed stations, lines, branches and closest station based on user's location data on Google Map
- Tested program with JUnit tests

EXTRA-CURRICULAR ACTIVITIES

Application Team Lead – New Taiwanese Generation Exchange Program   Sept 2017 – Feb 2018

- Planned a month-long educational exchange program for 15 Taiwanese university students
- Lead a team of 5 responsible for application, interviews, and customer support of 32 applicants
- Streamlined and automated the application process to reduce team workload
- Maintained and redesigned the program's WordPress website

Advent of Code   Dec 2019

- Participated in solving a series of small programming puzzles released annually in December

Camino de Santiago   May – June 2017

- Organized and completed a solo 1000 km hike through Northern Spain in 37 days

SKILLS

Languages and Frameworks: JavaScript ES6, Python, Express, Java, C, TypeScript, HTML, CSS
Tools: Git, JetBrains IDE, Visual Studio, Microsoft Office, JIRA, Slack, Postman
DB: SQL Server, MySQL, MongoDB, Mongoose
OS: Linux(Ubuntu), Unix