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TIMAN NJENGA WAMWEYA

Education:

University of British Columbia (Vancouver, BC)

BCOM: Combined major in Business and Computer Science, anticipated Graduation, November 2019

Skills:

Languages: Java, C, JavaScript, Typescript, Python, SQL, HTML/CSS

Tools/Frameworks: Git, Node.js, Emacs, Cygwin, Genymotion, EJS, Pygame, Bootstrap, WordPress

Experience:

Upstat Marketing, *Webmaster* — Vancouver, BC

June - September 2016

- Implemented Graphical redesign and functional updates of the company website
- Implemented End-point API Integration of the website with Indeed for job aggregation in XML

UBC African Business Forum, *Webmaster* — August - November 2015

- Customized abforum.ca for the UBC African Business club
- Developed a ticketing platform for the forum utilizing Rezgo

Projects:

Coast Capital Savings project — January 2019 - Present

- Collaborating with a team to develop a web application to retain useful information when onboarding new staff
- Using JavaScript for the front end, Node.js and MySQL for the database

Percolate project — September - October 2018

- Worked with a team to develop a Domain Specific Language (DSL) that creates scaffolding for Java projects using Java

Indentifier project — October – November 2018

- Created and tested a game to visualize code smells using lexical analysis in Python using Pygame

Email servers — October - November 2018

- Developed an SMTP server to save emails and created a POP3 server to retrieve the emails through a TCP connection, in C.

DNS resolver client — October 2018

- Developed an iterative DNS resolver client using UDP sockets on Java

Dict client app — September 2018

- Implemented a client application on Java that connects to a dict.org server using UDP sockets to search and return definitions from specified databases

Pokedex app — September - November 2017

- Modelled, implemented and populated a Pokémon database on MyQL
- Designed and developed the app functionalities using Node.js, typescript and EJS and Embedded the database system in the app

UBC Insights project — September - November 2017

- Built a query engine based on a provided EBNF syntax to answer questions about UBC course offerings and rooms from a .zip file using typescript
- Developed REST API endpoints for remote usage of the query engine

Mind the Gap android app — September - November 2015

- Developed and tested an Android App using Java that tracked a user's location, train stations, lines and arrival times within the London area and plot them on a map
- Determined the nearest station to a user's location by JSON parsing live data from Transport for London (Tfl)