

TIMAN NJENGA WAMWEYA

Education:	University of British Columbia (Vancouver, BC) BCOM: Combined major in Business and Computer Science, <u>anticipated graduation/available from May 2020</u>
Skills:	Languages: Java, C, JavaScript, Typescript, Python, SQL, HTML/CSS, PHP Tools/Frameworks: Git, Node.js, React.js, Loopback.io, AWS Developer Tools, Pygame, Bootstrap, WordPress
Experience:	<p>Junior's Barbershop and School, <i>Software Developer</i> (Vancouver, BC) April – December 2019</p> <ul style="list-style-type: none">• Collaborated with the owner to analyze and develop the requirements, database schema and project plan.• Built a React.js frontend application resulting in a website with a web-application for queueing clients and scheduling employees, juniorsbarbers.com.• Developed a backend REST application using node.js and loopback.io framework to handle front-end requests and query the database and integrated API'S.• Integrated Twilio API, Google Calendar API and Google Map API with the web-application.• Employed various AWS Developer Tools (RDS, Elastic Beanstalk, S3, Certificate Manager, Route 53 and CloudFront) to host and service the database, front and backend applications. <p>Big Chip, <i>Software Developer</i> (Vancouver, BC) May - July 2019</p> <ul style="list-style-type: none">• Collaborated with a team in developing the Matrix system, an upgrade and redesign of Connect, Big Chip's web-based accounting, scheduling and employee management system.• Implemented a front-end functional HR module in the Matrix in PHP.• Resolved support tickets from clients and employees using Connect. <p>Upstat Marketing, <i>Sales representative</i> (Vancouver, BC) July - September 2017</p> <ul style="list-style-type: none">• Worked as a Telus Sales rep in Home Presentations, Event Marketing, and Mall Kiosk <p>Upstat Marketing, <i>Webmaster</i> June - September 2016</p> <ul style="list-style-type: none">• Implemented graphical redesign and functional updates of upstatmarketing.com.• Executed end-point API Integration of the website with Indeed for job aggregation in XML. <p>Projects:</p> <p>Coast Capital Savings project January – April 2019</p> <ul style="list-style-type: none">• Collaborated with a team to develop a web application to retain information when onboarding new staff.• Designed and implemented REST API endpoints in Node.js and JavaScript. <p>Percolate project September - October 2018</p> <ul style="list-style-type: none">• Worked with a team to develop a Domain Specific Language (DSL) that creates scaffolding for Java projects using Java. <p>Identifier project October – November 2018</p> <ul style="list-style-type: none">• Created and tested a game to visualize code smells using lexical analysis in Python using Pygame. <p>Email servers October - November 2018</p> <ul style="list-style-type: none">• Developed an SMTP server to save emails and created a POP3 server to retrieve the emails through a TCP connection, in C. <p>DNS resolver client October 2018</p> <ul style="list-style-type: none">• Developed an iterative DNS resolver client using UDP sockets on Java. <p>Dict client app September 2018</p> <ul style="list-style-type: none">• Implemented a client application on Java that connects to a dict.org server using UDP sockets to search and return definitions from specified databases. <p>Pokedex app September - November 2017</p> <ul style="list-style-type: none">• Modelled, implemented and populated a Pokémon database on MySQL.• Designed and developed the app functionalities using Node.js, typescript and EJS and Embedded the database system in the app. <p>UBC Insights project September - November 2017</p> <ul style="list-style-type: none">• 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.