

TIMAN NJENGA WAMWEYA

Education:	University of British Columbia (Vancouver, BC) BCOM: Combined major in Business and Computer Science CS Coursework: Software Engineering, Algorithm Design and Analysis, Networking, Relational Databases Business Coursework: Information Systems Analysis and Design, Management of Information Systems, Business Communications, Information Systems Technology and Development	September 2014 – April 2020
Skills:	(Proficient) JavaScript, Java, Typescript, SQL, HTML/CSS, Git, Node.js, React.js, Loopback.io (familiar) C, PHP, Python, Pygame, Bootstrap, WordPress, AWS Developer Tools	
Employment Experience:	Big Chip, <i>Software Developer</i> (Vancouver, BC) <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. Upstat Marketing, <i>Sales representative</i> (Vancouver, BC) <ul style="list-style-type: none">Worked as a Telus Sales rep in Home Presentations, Event Marketing, and Mall Kiosk Upstat Marketing, <i>Webmaster</i> <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.	May - July 2019 July - September 2017 June - September 2016
Projects:	Junior's Barbershop and School, <i>Contract Software Developer</i> (Vancouver, BC) <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 embedded with a web-application for queueing clients and scheduling employees, www.juniorsbarbers.com.Developed a backend REST application using node.js and loopback.io 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. Coast Capital Savings project <ul style="list-style-type: none">Collaborated with a team to develop a web application to retain information when onboarding new staff.Modelled then developed a SQL database for the application.Designed and implemented REST API endpoints in Node.js and JavaScript. Percolate project <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. Identifier project <ul style="list-style-type: none">Created and tested a game to visualize code smells using lexical analysis in Python using Pygame. Email servers <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. DNS resolver client <ul style="list-style-type: none">Developed an iterative DNS resolver client using UDP sockets on Java. Dict client app <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. UBC Insights project <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.	April – December 2019 January – April 2019 September - October 2018 October – November 2018 October - November 2018 October 2018 September 2018 September - November 2017