

# TIMAN NJENGA WAMWEYA

- Education:** University of British Columbia (Vancouver, BC)  
BCOM: Combined major in Business and Computer Science May 2020  
**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
- Skills:** *Most experienced:* JavaScript, Java, HTML/CSS, SQL, Git, React.js, Loopback.io  
*Some experience:* C, PHP, Typescript, Node.js, Bootstrap, Jenkins, Jasmine, AWS Developer Tools  
*Dabbled in:* Python, WordPress
- Employment Experience:**
- SAP, *Agile Developer Intern* (Vancouver, BC) September 2020 - Current
- Working as a developer Intern in SAP Analytics Cloud.
  - Solving React.js frontend bug tickets and XSJS backend bug tickets.
  - Writing automated tests to maintain code functionality.
- Big Chip, *Software Developer* (Vancouver, BC) May - July 2019
- 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, *Sales representative* (Vancouver, BC) July - September 2017
- Worked as a Telus Sales rep in Home Presentations, Event Marketing, and Mall Kiosk
- Projects:**
- Smart Recycle, SAP IXP Hack4Good October 23 – October 25, 2020
- Developed a web application to take images and use AI to identify what is recyclable and how to sort it.
  - Worked with a team to create a React.js frontend and a Node.js and Express.js backend accessing Google Cloud Vision API and API RecycleBC to identify and sort the images.
  - Deployed the app at smartrecycleapp.com on AWS (S3, Beanstalk, CloudFront, Route53).
- Junior's Barbershop and School, *Contract Software Developer* (Vancouver, BC) April – December 2019
- Worked 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 January – April 2019
- 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 September - October 2018
- Worked with a team to develop a Domain Specific Language (DSL) that creates scaffolding for Java projects using Java.
- Identifier 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.