Samuel Echefu

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Education

University of Victoria	Victoria, BC
BSc (Computer Science, 2nd year)	*Sep 2024 — Apr 2028*

Experience

Frontend Intern	May 2025 — Sep 2025
ProperSeer	*Calgary, Alberta*

- Collaborated with the head developer through code analysis, ensuring high-quality, maintainable code for ProperSeer.
- Enhanced UI/UX by designing and implementing responsive interfaces using **React, Redux, and Bootstrap**, improving usability and user efficiency.
- Integrated frontend logic with backend services, handling API calls, data flow, and gaining practical experience with **SQL Server, C#, and .NET core**.
- Developed features such as the **Owner's Page**, enabling owners of property to efficiently control their properties.

Projects

uPath - Google Built-In Challenge | *React, Tailwind CSS, Express.js, Firebase, Firestore*   Sep 2025 — Nov 2025

- Built a full-stack web application that generates personalized learning roadmaps for new skills, supporting multiple user-defined goals and learning paths.
- Developed a responsive frontend using **React and Tailwind CSS**, and implemented backend services with **Express.js**.
- Integrated **Firebase Authentication** for secure user sign-in and **Firestore** for persistent roadmap storage.
- Leveraged Google's **AI Prompt API** to dynamically generate structured, step-by-step learning paths based on user input.

ShoppingApp - Self Directed Project | *Node.js, Express.js, MongoDB, EmbeddedJS*   Apr 2025 — Aug 2025

- Developed a full-stack shopping companion that aggregates and displays real-time pricing data.
- Implemented RESTful APIs using **Node.js and Express**, with data persistence handled through **MongoDB**.
- Integrated **Google Gemini** to generate automated price ranges and insights for products.
- Implemented **7+** RESTful api endpoints for authentication and authorization using **Passport.js** and **Google OAuth**.
- Designed a clean, user-friendly interface using **Tailwind CSS**.

Certifications

The Web Developer Bootcamp	*2025-07*
Udemy	

Skills

Programming Languages: Python, JavaScript, HTML/CSS, Java
Frameworks & Libraries: React, Redux, ExpressJs, Flask, Nodejs, Tailwind CSS, Bootstrap
Databases: MySQL, SQLite, MongoDB, Firestore
Other Tools: Docker, Git/GitHub, Firebase
Other Skills: UI/UX Design, Problem-Solving, Communication, Team Collaboration, Time Management