

# Himanshu Seervi

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## Education

### University of Guelph

Bachelor of Computing in Software Engineering, Minor in Entrepreneurship.

Guelph, Ontario

Expected Graduation, May 2027

- Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Discrete Math, Linear Algebra, Calculus, Software Design, Web Development, Operating Systems.

## Projects

### Intelligent Tutoring System | React.js, Tailwind CSS, Django, Scikit-Learn, OpenAI API September 2025 – Present

- Led a team of **8 developers** by managing tasks and leveraging individual strengths to efficiently build **Machine Learning** Intelligent Tutoring System.
- Developed **Machine Learning Model** using **Python, Scikit-Learn, and OpenAI API** to determine the user's mastery level through a diagnostic quiz for personalized learning.
- Designed and presented a responsive **UI/UX** system prototype in **Figma** to help validate the idea and gather feedback from the users.

### ExcelGPT | React.js, Tailwind CSS, Python Flask, Matplotlib, Google Gemini API, Git October 2025 – November 2025

- Developed an AI-powered tool that analyzes Excel sheets using **Python Flask** and **Google Gemini API**, automating data parsing to significantly reduce manual analysis time by approximately **60%** for users.
- Implemented **data visualization** features with **Matplotlib** to provide users with interactive and interpretable insights from their datasets.
- Designed and translated **Figma** prototypes into the app, ensuring a consistent **UI/UX** design, which contributed to seamless user interaction and improved retention.

### ElfMail | HTML, Tailwind CSS, JavaScript, API (EmailJS), Git December 2024

- Developed a **JavaScript** web application for a Secret Santa generator that randomly assigns names using a custom algorithm.
- Integrated the **EmailJS API** to automatically send assigned names directly to participants via email, ideal for families in different cities.

## Professional Experience

### Algoma Steel Inc

IT and Business Process Improvement Intern

May 2024 – August 2024

Sault Ste. Marie, Ontario

- Developed a **mobile and tablet accessible data interface** using **AVEVA PI Vision**, improving accessibility for on-site workers.
- Built a custom **PI Vision dashboard** to streamline navigation and boost efficiency by **40%**, linking frequently used screens for faster access.
- Troubleshoot** and **resolved** incorrect data on migrated PI Vision screens by writing and debugging **VBA scripts**, ensuring **accurate** data display and restoring critical functionality.

## Extracurricular Activities

### Google Developer Groups

Director of Finance

September 2025 – Present

Guelph, Ontario

- Led a team of **4 finance members** to raise **sponsorship funding** for the upcoming **GDG Hackathon in May 2026**, managing budgeting and financial strategy.
- Initiated outreach to **100+ companies** and attended meetings to **negotiate sponsorships, securing commitments** and **partnerships** to support event logistics and prizes.

## Technical Skills

**Languages:** Java, C, Python, HTML/CSS, JavaScript, React.js, Next.js, Assembly, VBA, SQL, Flutter, React Native.

**Developer Tools:** VS Code, Firebase, Git, Github, GitLab, Jira, Trello, Linux, Docker, APIs, UI/UX, AVEVA PI Asset Framework, PI Vision, Easy68k, Netlify, Vercel, Figma, C Check, MongoDB, Supabase, Postman.

**Other Skills:** Agile Development, Microsoft Office, IT support, Wired and Wireless Setup, Software Installation, Project Management, Organization, Leadership, Problem-solving, Communication.