

## EDUCATION

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- **Conestoga College** Waterloo, ON  
*Computer Programming Diploma; GPA: 3.96* 2023 – 2025
- **University of Michigan** Michigan, MI  
*Web Development Certification; GPA: 4.00* 2021 – 2022

## EXPERIENCE

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- **Software Developer (Eptics Inc., Remote)** July 2024 - Present
  - Spearheaded AI-driven lab platform with **AR mobile app** and admin panel, leading a 4-person team to deliver in 3 months, cutting development time by 25%. Utilized **TypeScript, MySQL, React**, and **OpenAI Playground**.
  - Built a **Next.js** farm e-commerce platform with AI-powered crop suggestions, boosting user **engagement by 40%**. Delivered admin panel, customer dashboard, and streamlined sales process, increasing order **volume by 20%**.
  - Engineered a booking platform (**CodeIgniter, Laravel**) and **Flutter** driver app with real-time tracking, improving delivery efficiency by 35% and cutting order delays by 20%.
- **Application Developer (University of Guelph, ON)** Sep 2023 - July 2024
  - Enhanced user experience by developing new features for web applications using **MVC.NET (C#)** and **JavaScript**, improving functionality based on user feedback.
  - Developed utility software in **Java** and **Python** to automate routine tasks, reducing human error by approximately **60%** and increasing operational efficiency, **VCS** using **Git**.
  - Improved **Create, Read, Edit** and **Delete efficiency by 18%** through **server migration to SSMS**, ensuring high service availability and implementing differential backups, leading to enhanced system reliability.
  - Strengthened security by identifying and patching vulnerabilities, including a **high-risk Adobe ColdFusion flaw (criticality 7.9)**. Conducted updates and dependency checks to secure system integrity.
  - Built an accessible public-facing website using **ASP.NET MVC, Bootstrap**, and **Microsoft SSO**, ensuring **WCAG** and **AODA** compliance. Managed Content Management System updates on **Drupal** and **WordPress** to maintain security and usability.

## PROJECTS

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- **Duolingo Clone**: Developed a two-month Duolingo clone using **Next.js, TypeScript, TailwindCSS**, and **ShadCN UI**, with backend support from **Drizzle ORM** and **NeonDB(PostgreSQL)**. Integrated **Stripe** and **Google SSO**, enhancing my expertise in database design and management.
- **SaaS AI Companion App**: Built CelebSavvy, an **AI-driven SaaS** app enabling celebrity interactions through **Next.js, JavaScript**, and **vector databases(Supabase, PineCone)**. Integrated **Stripe, Clerk, and Zustand** for seamless functionality, improving user engagement and providing practical experience with vector database technology.
- **Google Capstone Project**: Engineered dual web endpoint system for Google Capstone using **Python, Bash**, and **GCE watchdog**, achieving **99.9% availability** and setting a benchmark in system reliability and efficiency.
- **UMICH'S Web development Capstone**: Developed a responsive **MERN stack** website for UMICH Capstone, optimizing **SEO** through content structuring and metadata strategy, resulting in a **102% increase in organic traffic** and substantially improving online visibility.

## SKILLS

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- **AI/ML**: Llama (fine-tuning for NLP tasks), Mistral 4, OpenAI embeddings, Replicate AI
- **Tools & Platforms**: AWS IAM, GCE, Snort, LogRhythm, Zustand, Zod

## CERTIFICATIONS

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- **Artificial Intelligence** University of Helsinki (Dec 2022)
- **Cyber Security, IT Automation with Python, System Admin and IT Infrastructure, Configuration Management and GCE, IT Support** Google (Aug 2022 – Sep 2023)