

Sean Nguyen

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EDUCATION

Wilfrid Laurier University

Bachelor of Arts in Computer Science and Spanish

Waterloo, ON

2023 – Expected 2027

EXPERIENCE

I&IT Developer

Current

Ontario Public Service (MPBSDP)

- Supporting identity and access management activities for a proprietary internal platform by validating access requests and assisting with role based permission provisioning.
- Using Azure DevOps, Git, and Jira to track work items, document changes, and collaborate with cross-functional teams in an Agile environment.

Software Engineer

May 2026. - Aug. 2026

Develop For Good

- Built a responsive website using Wix based on Figma designs, while creating a PRD and working with stakeholders to clarify requirements, address edge cases, and prioritize workflow improvements.
- Collaborating with product, design, and engineering stakeholders to break project goals into scoped milestones, estimate effort, and sequence features, ensuring the team delivers a maintainable, high-impact release on schedule.

Cybersecurity (GRC) Intern

Jan. 2026 – Apr. 2026

Artefactual Systems

- Supported the development of the ISO 27001 information security management system by documenting policies, reviewing procedures, and organizing evidence.
- Built a structured risk register by identifying assets, assessing threats, analyzing vulnerabilities, and scoring likelihood and impact.
- Performed risk assessments across key security domains, including authentication, access control, and disaster recovery, providing recommendations to mitigate identified risks.

Frontend Developer Intern

Feb. 2025 – Apr. 2025

Edtech International Education Group Inc

- Redesigned the website UI/UX using Figma to improve navigation and visual consistency.
- Developed a responsive frontend MVP with HTML, Bootstrap CSS, and JavaScript, ensuring consistent rendering across devices.

PROJECTS

Rooted | *React, FastAPI, Python, S-BERT, Hugging Face, Llama*

Jun. 2026

- Built an AI-powered career navigation platform for refugees and newcomers for the AI4Good Lab, sponsored by Manulife, Google DeepMind, IVADO, Vector Institute, CIFAR, and Amii.
- Implemented multilingual NOC matching with BGE-M3 embeddings, cached vector retrieval, cosine similarity across 516 NOC unit groups, LLM-generated pathway cards, PDF export, and verified funding/resource retrieval.

Workout Pal | *React, Express, Node, MongoDB, Bootstrap*

Dec. 2025

- Built and deployed a secure workout tracking platform with JWT-authenticated user accounts, user-scoped workout logs, and per-account training splits, including unit, theme, and multilingual (EN/ES/FR) preferences
- Designed and implemented RESTful Express/MongoDB APIs and Mongoose models for logging strength and cardio workouts, managing custom training splits and exercise library search, and calculating 1RM and personal records.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, TypeScript, HTML, CSS, R / English, Vietnamese, Spanish

Frameworks: Node.js, Express.js, MongoDB, Flask, React.js

Tools: Git, Figma, Framer, Colab, AWS, VS Code, Microsoft Office, PyCharm, Eclipse, R Studio, Postman

Certifications: AWS Certified Cloud Practitioner, Google Cybersecurity, ISC2 CC