

Alexander Perocho

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EDUCATION

Western University
B.Sc. Computer Science

London, Ontario

Exp. May 2025

Amazon
AWS Certifications

Remote

Apr 2024 — Present

- Cloud Essentials: [certificate](#), Certified Cloud Practitioner
- Solutions Architect Essentials, Solutions Architect Associate

PROJECTS

Thalassaphobia — C#, Unity, Trello, git

May 2024 — Present

- Developing a first-person multiplayer horror game that simulates being stranded in the ocean. — [github](#)
- Responsible for networking and back-end connectivity.

Portfolio Website — NextJS, TypeScript, Tailwind CSS, Figma, git

Apr 2024 — Present

- Designed and developed a personal portfolio-website under best practices. — [website](#), [github](#)

LiteCode — Java, Swing, Confluence, Jira, Bitbucket, Figma, git

Feb 2024 — Feb 2024

- Led the development of an educational app that leverages syntax trees to visualize the code-structure and execution-stack of simple arithmetic and conditional evaluating programs. — [demo](#)
- Designed user-code to be compiled on runtime.
- Leveraged Jackson Databind to create a JSON database that converts classes into objects allowing for local persistence of game states between different users.

HACKATHON PROJECTS

UofT DeerHacks IV: TerraTalk — React.js, Typescript, OpenAI, Open Street Map (Overpass), git

Feb 2024 — Feb 2024

- A program that leverages OpenAI's NLP API to parse user input into Overpass Turbo queries that locate and display geo-referenced objects through Open Street Maps' API. — [devpost](#)

EXPERIENCE

Application Developer Mentorship

May 2020 — Aug 2020

Long Branch Neighbourhood Association — [TreeTrek](#)

- Acted as a Protégé in the development life cycle of a mobile application. — Flutter, Dart, HTML
- Implemented Google Maps REST API to display trail routes. — Google Maps
- Developed a mobile & responsive UI/UX for pages and widgets. — Figma

TECHNICAL SKILLS

Programming Languages: Java, Python, HTML, CSS, JavaScript, TypeScript, C#, MySQL, Unix

Frameworks: NodeJS, ReactJS, NextJS, Tailwind, MaterialUI, JQuery, REST, AGILE

EXTRA CURRICULAR

Athletic: Badminton, Boulderling, Snowboarding, Swimming, XC Mountain Biking, Tri-Athelon, Golf.

Social/Academic: Western AI, Hip Hop Western

Hobbies: Guitar, Video/Photography, Dancing, Cooking, Hiking, Camping, Fishing.