

# Alexander Perocho

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🌐 [perocho-xela](https://perocho-xela.github.io)

🔗 [xela-kp](https://xela-kp.github.io)

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## Technical Skills

**Languages:** HTML5, SASS, CSS3, TypeScript, JavaScript, C, C++, C#, Python, Java, MySQL, Unix, Dart, Swift

**Frameworks:** ReactJS, NextJS, Tailwind, MaterialUI, JQuery, REST, AGILE, .NET MAUI

## Experience

### Nomad Portfolios (Startup)

Apr 2024 – Present

Founder – Full-Stack Developer

- Developing the **landing-page / home-page** for *Nomad Portfolios* – NextJS, Typescript, Material UI, git
- Designing user-centric **UI/UX**. – Figma
- Building portfolio-websites for clients using modern web-frameworks.
- Implementing **CI/CD** tests/pipeline. – Github Actions, Jest.
- Enforcing a streamlined development process under **best practices**. – ESLint, StyleLint, Prettier, Husky/Lint-Staged, Jest, GitHub Actions.
- Leveraging **SSR** to boost performance. – React/NextJS
- Maintaining an over-all **Performance Analysis** of 100%. – Google Lighthouse

### Long Branch Neighbourhood Association

May 2020 – Aug 2020

Full-Stack Application Developer Mentorship – [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, Flutter
- Developed a **mobile & responsive UI/UX** for pages and widgets. – Figma

## Projects

[Perocho-OS](#) – React/NextJS, TypeScript, Tailwind CSS, git

Apr 2024 – Present

- Developing a personal website that emulates a **Windows Operating System** – NextJS 13+, Typescript/JSEX, Material Tailwind CSS + PostCSS JSX, git.

[LiteCode](#) – Java, Swing, Confluence, BitBucket, Jira, AGILE (SCRUM)

Feb 2024 – Apr 2024

- Developed an **educational app** that visualizes the **code-structure** and **execution-stack** of computer programs. – Java, Swing, git.
- Collaborated in a team of 5 acting as the **Product Owner** and **Lead Engineer**. – AGILE, Jira, Confluence, Bitbucket.
- Created a **GUI-based programming language** compiled on runtime. – OOP, MVC, Operation Tree.
- Designed and wire-framed **UI/UX** – Figma
- Developed **unit/integration tests** – JUnit5
- Outlined **project specifications**; modelled **business, design, testing/implementation, functional/non-functional** requirements; developed **use-case, activity, and class diagrams**; created a **working-team agreement, user-stories, and acceptance criteria** – Jira, Confluence

## 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**.

## Education

Western University

London Ontario

B.Sc. Computer Science

Exp. May 2025

Sheridan College

Oakville Ontario

Mobile Computing

Apr 2023

## Extra Curricular

**Athletic:** Western Badminton Club, Climbing Club, Western Skii & Snowboard, Swimming, XC Mountain Biking, Tri-Athelon, Golf.

**Social/Academic:** Western AI, Hip Hop Western, WOOF, CSA

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