

# Quoc Le

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## Education

**Bachelor of Computing in Computer Science (Co-op), Minor in Geomatics** Guelph, ON, Canada  
*University of Guelph* Sept. 2023 – April 2028

## Projects

**Echoes of the Dream** | *Phaser.js, Adobe Illustrator, Audacity, Electron, itch.io* August 2024 – Present

- **Currently** designing and developing a **2D horror game**, "Echoes of the Dream," using Phaser.js, Aseprite, and Audacity, focusing on psychological horror with dynamic room-based puzzles.
- **Implementing** core game mechanics including **WASD movement**, **interaction systems**, and a **progressive lives system**, ensuring a seamless player experience.
- **Collaborating** with a **team of 7** to create a cohesive game atmosphere, integrating **pixel art**, **ambient soundscapes**, and **escalating difficulty levels**.
- Planning deployment on **itch.io** with a downloadable version using **Electron**, ensuring broad accessibility and a consistent player experience across platforms.

**Tennis Locator** | *Next.js, React, TypeScript, Firebase* **Website** July 2024

- **Developed** "Tennis Locator," a **full-stack app** with React, TypeScript, and Firebase, enabling **real-time tennis court search** and **favoring**.
- Integrated **Firebase Authentication** and **Firestore** for secure user management, supporting social logins and real-time data.
- **Designed** a **responsive user interface** with **Tailwind CSS**, ensuring consistency and maintainability.
- **Optimized** navigation and performance with React Router and Next.js, leveraging **server-side rendering** and **dynamic routing**.

**Me's Restaurant** | *JavaScript, HTML/CSS* **Website** July 2023

- **Created** a fully responsive **online menu** using HTML, CSS, and JavaScript, ensuring ease of access and user-friendly navigation, with the site accessible via GitHub.
- **Designed and developed** a clean, modern website with enhanced responsiveness and interactivity, leveraging HTML/CSS for structure and JavaScript for dynamic functionality.
- **Attracted over 10 customers** through the website, contributing to increased sales and receiving positive feedback on the user experience.

## Experience/Volunteer

**Information Technology Technical Support** May 2024 – August 2024  
*Fracht Group* *Kampala, Uganda*

- Successfully **resolved complex hardware, software, and network issues** on first contact **80%** of the time, significantly minimizing system downtime.
- **Leveraged sharp problem-solving skills** to troubleshoot unexpected issues in real-time, ensuring continuous and **smooth service delivery**.
- Displayed ability to **troubleshoot and repair hardware components** and **network issues** under tight deadlines

**Waiter and Cashier** Oct 2022 – Jan 2023  
*Milano Coffee* *HCM City, Vietnam*

- Provided **excellent customer service** by accurately processing transactions and managing **POS systems**.

**GDSC Hackathon / GOOGLE DEVELOPER CLUB** May – 2024  
*University of Guelph* *Guelph, ON*

- **Contributed** as a staff member in a **3 day Hackathon** event for over **200 participants**.

## Technical Skills

**Languages:** C, Python, SQL, JavaScript, TypeScript, HTML/CSS, Java, R

**Frameworks:** React, Node.js, TailwindCSS, Firebase

**Developer Tools:** Git, Docker, Github, VS Code, Visual Studio, Makefile