

KAYNE LEE

(519) 386-3298 | kayne.lee2@outlook.com | kaynelee.com | www.linkedin.com/kaynelee | www.github.com/kayne-lee

EDUCATION

Queen's University Sept 2022 – May 2026
Bachelor of Applied Sciences & Engineering (Honors) – **Computer Engineering**
• GPA: 3.34/4.3; Queen's University Excellence Scholarship

WORK EXPERIENCE

Queen's University | Teaching Assistant (APSC 142) Jan 2023 – Present
• **Facilitated** student comprehension of **coding concepts** through tailored support and **collaborated** with instructors to develop engaging learning materials and assessments, **contributing** to the education of students.

Debacle inc. | Software Engineering Intern. Dec 2023 – Present
• **Engineered** a Shopify plug-in, which uses a **machine learning algorithm** trained off Shopify stores. This algorithm takes different stores as inputs and returns key words for Shopify users.

Denso | Summer Student Associate May 2023 – Sept 2023
• Manufactured and developed **HVAC** and **ECM** Units for different companies such as **Ford, Toyota, Lexus, and Honda**. Conducted **N²** and **NVH** tests to ensure quality of each individual unit.

EXTRACURRICULAR ACTIVITIES

QMIND | Web Development Coordinator May 2023 - Current
[React](#), [Next](#), [Tailwind CSS](#), [Framer Motion](#)
• **Developed** the **QMIND.ca** website into a **professional** brand to showcases talent of the QMIND community.

QUANTT | ML Algorithmic Trading Developer Sep 2023 - Current
[Python](#), [QUANTT Connect](#)
• **Developing** trading algorithms using **machine learning** with a strategy of our choosing and test it against real world stock market.

QWeb | Development Director Sep 2023 - Current
[React](#), [Tailwind CSS](#), [Framer Motion](#)
• **Developing** the official QWeb website. Helping the development with stages of the **development sprint**.

PROJECTS

Bitcoin Price Predictor Python, Jupyter Notebook
• **Developed** a **machine learning algorithm** to predict the **future price** of Bitcoin using **historical price and sentimental data**. Integrated a **XGBoost model** to improve accuracy of the next day predictions of the price.

Wordle React.js, JavaScript, Node.js, JSON
• **Engineered** a copy of the Wordle game. **Developed** the backend using **JSON**. Created this application using **React.js** for front end.

Pacman C++
• **Engineered** the game Pacman using **C++**. **Applied** different libraries to the game so the game could be played in the terminal.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS, Python, C/C++, SQL
- **Frameworks/Libraries:** React, Node.js, Next, Framer Motion, Tailwind
- **Technologies/Software:** Figma, Git, GitHub, Netlify, Arduino, Jupyter Notebook