

Kevin Chau

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EDUCATION

Western University

Bachelor of Science, Specialization in Computer Science

London, ON

Sept 2021 – April 2025

Relevant Coursework: Data Structures and Algorithms, Computer Networks, Databases, Object-Oriented Design and Analysis, Organization of Programming Languages

EXPERIENCE

Work Study Student

September 2024 – Present

Western University

London, ON

- Assisted in the research and development of an MQTT-based IoT system utilizing ESP modules to collect and transmit data from harsh environments.
- Developed a web application using React, Node.js, and MongoDB to visualize the data collected from the IoT system.

Software Engineering Intern

May 2024 – Sept 2024

HitMeUp.ai

Remote

- Developed the web and mobile app for HitMeUp, an AI-driven lead qualification platform for creators and experts, using React Native, Django, Python, and JavaScript.
- Developed a chat widget feature using HTML, CSS, and JavaScript, enabling experts to embed our platform into their websites. This solution increased lead generation activity by **22%**
- Implemented a timestamping feature for the inbox, enabling accurate tracking of message history and improving user experience.
- Designed and enhanced the settings page, enabling users to fully personalize and update their account settings and preferences.

Senior Director of Communications

October 2022 – May 2024

WesternAI

London, ON

- Discovered a user pain point and implemented a feature for users to easily sign up and add club events to their google calendar using the Google Calendar API in React.
- Allowed users to enable push notifications to notify them on the latest events boosting engagement by implementing a Cron Job.
- Partnered with the design team to translate designs from Figma to code implementation.

Python Tutor

March 2022 – September 2022

ScratchCoding4Kids

Scarborough, ON

- Developed a Python fundamentals curriculum for 10+ students in grades 5-12.
- After course completion, students understood OOP practices, built intermediate scripts such as games, and learned to use third party libraries such as Numpy and Turtle.
- Collected valuable feedback from parents of our students to enhance and refine our course for future cohorts.

PROJECTS

Uplifted Echoes | *Next.js, Typescript*

November 2023 – January 2024

- Developed a real-time news website using NextJS, TypeScript, and Tailwind CSS.
- Categorized news articles for easier navigation of organization.
- Implemented search functionality, allowing users to find news articles by topic or keyword.

Air Pollution Detector | *Reactjs, Javascript, Node.js, SQLite, C++*

September 2023 – December 2023

- Developed an air pollution detection tool that helped to inform and notify users on the air quality in any given location.
- Utilized a Raspberry Pi for the hardware and software used C++ and React for the front end.
- Implemented a database using SQLite to seamlessly retrieve and save air readings from the Raspberry Pi.

TECHNICAL SKILLS

Languages: Java, Javascript, TypeScript, Python, C/C++, SQL (Postgres), HTML/CSS

Frameworks: React, Django

Developer Tools: Git, Visual Studio Code, Figma, Node.js