

Kevin Chau

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EDUCATION

Western University

Expected December 2025

Bachelor of Science Specialization in Computer Science

London, ON

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

EXPERIENCE

Software Engineer Intern

Remote

Constant Closer

March 2025 – August 2025

- Accomplished a **90%** reduction in daily Slack support tickets by designing and building the product's first front-end, a self-serve dashboard using **Django** and **Bootstrap**
- Enhanced collaboration and user engagement, as measured by **50+** users creating and managing over **10 active teams**, by designing and implementing a team management system with database models, invitation flow, and role-based access control (RBAC).
- Improved activity-feed performance, as measured by a **98%** reduction in load time (from several seconds to under 100 ms), by optimizing **PostgreSQL** indexing, adding **Redis caching**, and implementing cursor-based pagination.

Software Engineer Intern

Remote

HitMeUp.ai

May 2024 – September 2024

- Increased lead conversions by up to **10%**, measured through Amplitude, by developing a sandboxed, responsive iframe chat widget that dynamically injected **HTML** from **Django** templates into client websites.
- Enhanced user experience and reduced manual data entry by integrating an API-driven metadata fetcher that dynamically displays YouTube thumbnails and link titles in account settings.
- Achieved functional parity between iOS and web clients by implementing and testing **React Native** features that mirrored the web app's core workflows.

Python Tutor

Scarborough, ON

ScratchCoding4Kids

March 2022 – September 2022

- Delivered a Python fundamentals curriculum to **10+** students by designing lessons and exercises tailored for grades 5–12.
- Improved course effectiveness by collecting and applying parent feedback to refine teaching materials.

PROJECTS

Eleet – LeetCode Discord Bot | *Node.js, TypeScript, MongoDB, Discord.js*

- Increased engagement and coding consistency for **30+ users** by building a Discord bot that posts daily LeetCode problems and tracks user progress
- Implemented scheduled posting with node-cron and timezone-aware dispatch (day.js), plus a no-repeat rotation algorithm persisted in Mongo to avoid duplicates.

Northstar Countertops Website | *Next.js, TypeScript, TailwindCSS, Vercel*

- Improved local business visibility and inbound leads by developing and deploying a responsive promotional website on Vercel using **Next.js** and **Tailwind**.
- Implemented a custom **contact form with Google Sheets integration**, streamlining inquiry management and eliminating manual data entry.
- Enhanced SEO discoverability and indexing by optimizing metadata, structured schema, and sitemap configuration.

Git Analyzer | *Python, GitPython, argparse, rich*

- Delivered actionable developer productivity insights by creating a Python CLI tool that parses Git history and visualizes commit activity.
- Packaged the tool with modular commands and rich console visualizations, making it easy to install, extend, and use in real projects.

TECHNICAL SKILLS

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

Technologies: React.js, Next.js, Node.js, Express.js, Django, MongoDB, PostgreSQL, SQL, Redis, Bootstrap

Developer Tools: Git, Docker, Figma, VS Code, Visual Studio, PyCharm