

KEVIN LI

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Education

University of Western Ontario

Expected 2028

Bachelor of Science – Computer Science

London, Ontario

- **GPA:** 3.95/4.0 (92%); Western Scholarship of Distinction (\$3500)
- **Relevant Coursework:** Data Structures and Algorithms, Discrete Structures, Applied Logic, Computer Architecture, Systems Programming, Calculus 1, Calculus 2, Linear Algebra, Statistics
- **Extracurriculars:** Varsity Men's Volleyball, Western Founders Network, Western Entrepreneurship Association, Chinese Students Association, Science Student's Council

Experience

Bree (YC S21)

May 2026 – Present

Product Software Engineer Intern

Toronto, Ontario

- Optimized the end-to-end user onboarding experience by restructuring the account linking flow and enhancing system error handling, driving a **35%** increase in the overall onboarding completion rate and reducing user drop-off.
- Developed an automated address parsing system to process unstructured civic addresses and enable payment information autofill, significantly streamlining manual data entry and increasing the debit verification success rate by **10%**.
- Contributed to company ARR growth from **\$55M to \$85M** by shipping scalable onboarding and payment infrastructure, while resolving **20%** of engineering triage tickets to improve overall system reliability.

Royal Bank of Canada

May 2025 – Aug 2025

Data Engineer Intern

Toronto, Ontario

- Migrated entire backend system of over **11** processes as the sole engineer on my team, improving processing speed by **40%** and eliminating licensing costs, resulting in increased efficiency and reduced operational expenses
- Built a Python program with **scikit-learn** to analyze **8+** years of transaction data, using predictive models to forecast trends and detect anomalies, improving the team's ability to analyze and respond to financial patterns
- Developed a Python script that automated the reconciliation of **6,000+** companies in our internal company-parent list with another team's, leveraging semantic similarity to improve overall mapping accuracy by **10%**

Nodes

Feb 2025 – May 2025

Software Engineer Intern

London, Ontario

- Built entire **backend infrastructure** of an automated networking app by converting a **10,000 line Python** script into a dedicated **TypeScript** backend service, cutting response times by up to **30%**, improving reliability through modular architecture, and ensuring strong type safety with the React frontend.
- Shipped a web app and Chrome extension to **1,000+** users in **under 1 month** by building **13 RESTful** API endpoints using **TypeScript** and built an admin dashboard, streamlining data aggregation and delivering key growth insights.

Projects

PrismLines | TypeScript, Next.js, FastAPI, LangGraph

Jan 2026

- Engineered and built a Polymarket index generator using **FastAPI** and **LangGraph** that orchestrates agents for real time market research and strategic allocation of funds that won at a CMU hackathon with over **1000 hackers**.

Stroke(ai) | Electron, Typescript

Oct 2025

- Built a macOS automation agent that converts natural language prompts into tool-based **agentic workflows** bound to **global keyboard shortcuts** using **Typescript** and apple scripts multi-step workflows.

Volleyball Action Detection Model | Python, Ultralytics, YOLO, OpenCV

Oct 2025

- Trained and fine-tuned a computer vision model with **72,000+** images and annotations using Ultralytics and OpenCV resulting in live detection overlays of volleyball player actions, reducing manual review time by **95%**

Technical Skills

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

Dev Tools: Git/GitHub, Firebase, Figma, Tableau, Chrome DevTools

Libraries/Frameworks: React, React Native, AngularJS, Next.js, Electron, Tailwind CSS, Flask, FastAPI, Express.js, Socket.IO, LangChain, LangGraph, Pandas, NumPy, TensorFlow, Scikit-learn, Matplotlib

Achievements & Interests

Achievements: Team Ontario Elite Volleyball, Victoria Park C.I Brian Maxwell Award (\$500 Scholarship), DECA Provincials Top 10 Overall, Waterloo CEMC Distinction, RCM Piano Level 8

Interests: Volleyball, Technology, Fashion, Photography, Photo/Video Editing, Music, Cooking