





Kieran Hulsman

3B Software Engineering Student

 [linkedin.com/in/kieranhulsman](https://www.linkedin.com/in/kieranhulsman)  github.com/Kieran-Hulsman  kieran.hulsman@uwaterloo.ca  kieranhulsman.com

Languages: Python, Javascript, C/C++, SQL, TypeScript, Ruby, Java, HTML/CSS, Scala, Assembly

Technologies: AWS (Lambda/DynamoDB/S3), React, Node, Flask, Express, Axios, Git, Unix, Ruby on Rails

Education

University of Waterloo

Sep. 2022 – Apr. 2027

Bachelor of Software Engineering, Honours (BSE)

Waterloo, Canada

- **cGPA: 92% (4.0)**
- Relevant coursework: Algorithms, Data Structures, Databases, OOP, Operating Systems, Statistics, Graph Theory

Experience

Shopify

May 2025 – Aug. 2025

Software Engineering Intern – ‘Outstanding’ co-op rating

Toronto, Canada

- Built **Ruby** ads billing systems processing **\$500,000/day** and wrote **10,000 lines** of production code in 4 months
- Contributed to major **ads billing migration** consolidating merchant payment flows for the **Shop app**
- Standardized dashboards and metrics across **30+ services** to improve maintainability using reusable code patterns

Bank of America

Sep. 2024 – Dec. 2024

Software Engineering Intern – ‘Outstanding’ co-op rating

Toronto, Canada

- Worked on a prime brokerage margin engine to calculate risk metrics of **2.3 million** securities per day in **Python**
- Gained exposure to **financial markets**, option pricing, Greeks, and derivative structures across asset classes
- Engineered a scalable streaming architecture migration with pub-sub messaging queues to enhance platform resiliency

Ollon

Jan. 2024 – Apr. 2024

Software Engineering Intern – ‘Outstanding’ co-op rating

Toronto, Canada

- Worked fullstack on two live projects, developing **React** components, **Express** backend routes, and **SQL** queries
- Personally contributed **20,000 lines** of production-level code across **150 pull requests** on two live projects
- Implemented key document upload feature with **React (TypeScript)** and **Node (JavaScript)**, storing files on **SMB**

Code Ninjas

Apr. 2023 – Aug. 2023

Lead Coding Instructor – ‘Outstanding’ co-op rating

Aurora, Canada

- Served as lead instructor, supporting the management of **15 staff members** in their day-to-day operations
- Led **100+** educational coding sessions for children aged 5-14, teaching object-oriented programming, JavaScript and Lua
- Played a pivotal role in driving company growth from **0 to 100+ clients** by conducting over **600 sales calls**

Projects

Flashify - 1st Overall, Golden Hack 2023 | *React, Flask, MySQL, JavaScript, Python, AWS S3, Tailwind CSS*

- Created a web application that leverages AI to transform user-uploaded handwritten notes into interactive flashcards
- Utilized **OpenAI’s API** to generate question-answer pairs from OCR-parsed user-uploaded images stored in **AWS S3**

Snacks-n-Daqs - Social Travel Planning | *MySQL, Python, Node, React, TypeScript*

- Facilitated group travel planning by connecting users based on shared destinations, dates, and demographics
- Developed **complex SQL queries** to generate analytics on popular destinations, trip durations, and user demographics

Hobbies

Road Cycling, *Rock Climbing*, and *Hot Yoga* keep me energized, focused, and ready to tackle new challenges