

DAVID KHAZZAM

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dakadabra

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EDUCATION

Bachelor of Honours Computer Science
University of Waterloo (GPA: 4.0/4.0)

Sept 2018 – Apr 2023
Waterloo, Canada

- K.D. Fryer Gold Medal: Graduate who best exemplifies high academic standing and good student citizenship
- President's Scholarship of Distinction (97.3% entrance average)

EXPERIENCE

Owl.co
Senior Software Engineer

November 2024 - Present
New York City, NY

- Developed 20+ end-to-end features for Owl's new product using **TypeScript, React, Python, SQL, and AWS**
- Applied **Generative AI** technologies to deliver insights, resulting in a **100x** increase in client efficiency
- **Led UX improvements** in collaboration with design, resolving inconsistencies and shaping overall product direction

Google
Software Developer Intern

May 2022 - Aug 2022
Mountain View, CA

- Improved onboarding efficiency by **20x** for **Machine perception** researchers, saving **\$100,000+** annually, by implementing a frontend interface leveraging **Lit Element** and **Jasmine** frameworks
- **Led** project design for team of 3 engineers, creating **10+** Figma designs and authoring **6000-word** design document
- Collaborated with machine learning engineers developing a text-to-image generation prototype

Meta
Software Developer Intern

Jan 2022 - Apr 2022
Vancouver, Canada

- Implemented new features in Facebook Groups, reaching **1+ billion** users, using **React, GraphQL** and **PHP**
- **Spearheaded** communication with designers, PMs, managers, and contributors to achieve **cohesion**
- Surpassed expectations by implementing **mobile** features in **React Native** one month ahead of schedule

Google
Software Developer Intern

May 2021 - Aug 2021
Vancouver, Canada

- Completed the end-to-end design of a **Go** tool to provide key performance metrics for **500 000+** code migrations across the **entirety of Google's codebase**
- Created **visualizations** using **React** to display migration performance metrics, providing data insights
- Made an **immediate** impact on the Core team's work, providing insight to direct **key** business decisions

PROJECTS

Bit by Bit
Hacking Health Ottawa | 1st Place, over 100 participants

Jun 2019

- Won **\$10,000** of support from the **Algonquin College Centre for Innovation** to support future development
- Developed a cross platform web app using **React** and **Fitbit APIs** to help recovering patients track their fitness

SKILLS

Programming Languages

TypeScript

JavaScript

Python

C++

C

SQL

Go

Java

Kotlin

Tools and Technologies

React

HTML

CSS

GraphQL

Jest & Jasmine

LitElement

Android

Git

HOBBIES & EXTRACURRICULARS

Varsity Quidditch Captain

A cappella

Strategy games

World traveler (48 countries)