

DAVID KHAZZAM

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EDUCATION

Bachelor of Honours Computer Science

University of Waterloo (GPA: 3.9/4.0)

2018 – 2023

- President's Scholarship of Distinction (97.3% entrance average)

EXPERIENCE

Google

Software Developer Intern

May 2022 - Aug 2022

- Improved onboarding efficiency by **20x** for **Machine perception** researchers, saving 10+ hours of SWE time a month, 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

Meta

Software Developer Intern

Jan 2022 - Apr 2022

- Implemented new features in Facebook Groups, reaching **1+ billion** users, using **React.js**, **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

- Completed the end-to-end design of a **Go** tool to provide key performance metrics for **200 000+** code migrations across the entirety of **Google's** codebase
- Created **visualizations** using **React** to display migration performance metrics, providing more insight into the data, providing **immediate** impact by enabling stakeholders to make key business decisions

Kinaxis

Algorithms Developer

Sep 2020 - Dec 2020

- Revamped a **C++** tool to detect and display **70+ supply-chain inefficiencies** in a user-friendly format, providing new avenues for resolving key problems
- Leveraged **NLP** and **Flask** to scrape social media, using interactive **Plotly** visualizations to display the effects of public sentiment on future demand, providing key insights on user habits

Web Application Developer

Jan 2020 - May 2020

- Finalist for the University of Waterloo's Co-op Student of the Year for outstanding impact
- Designed cutting-edge **critical software** for **BETA** launch by building **30+** reusable **React** components
- Fortified codebase by practicing **test-driven development**, improving test coverage to over **97%**

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

Go

C++/C

Kotlin

Tools and Technologies

React

HTML

CSS

GraphQL

Jest & Jasmine

Git

HOBBIES & EXTRACURRICULARS

Varsity Quidditch Captain

Acapella

Strategy games aficionado

Math Society Office Manager