DAVID KHAZZAM

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EDUCATION

Bachelor of Honours Computer Science   Sept 2018 – Apr 2023
University of Waterloo (GPA: 4.0/4.0)   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

Gap Year   May 2023 - Present
Backpacked and Volunteered around Europe and the Americas

Google   May 2022 - Aug 2022
Software Developer Intern   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   Jan 2022 - Apr 2022
Software Developer Intern   San Francisco, CA

- 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   May 2021 - Aug 2021
Software Developer Intern   San Francisco, CA

- 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

Kinaxis   Jan 2020 - Dec 2020
Web Application Developer   Ottawa, Canada

- **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**
- Revamped a **C++** tool to detect and display **70+ supply-chain inefficiencies** in a user-friendly format

PROJECTS

Bit by Bit   Jun 2019
Hacking Health Ottawa | 1st Place, over 100 participants

- **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   OCaml   Kotlin

Tools and Technologies   React   HTML   CSS   GraphQL   Jest & Jasmine   LitElement   Git

HOBBIES & EXTRACURRICULARS

🚀 Varsity Quidditch Captain   🎵 Acapella   ♟ Strategy games   🌐 World traveler (48 countries)