

DAVID KHAZZAM

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EXPERIENCE

Meta

Software Developer Intern

Jan 2022 - Apr 2022

- Created components in **React.js**, **GraphQL** and **PHP** that were part of key new features on Facebook
- Spearheaded** communication with designers, PMs, managers and contributors to reach **alignment**
- Took initiative and took on **extra projects**, went beyond expectations by implementing **mobile** features

Google

Software Developer Intern

May 2021 - Aug 2021

- Completed end-to-end design of a **Go** tool that provided key performance metrics when run over **hundreds of thousands** of migration runs across the **entirety of Google's codebase**
- Took **initiative** to incorporate new visualization technologies into codebase, increasing tool's impact
- Made an **immediate** impact on the Core team's work, providing insight to direct **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

Web Application Developer

Jan 2020 - May 2020

- Finalist** for the University of Waterloo's Co-op Student of the Year
- Built **30+** reusable and responsive **React** components, leveraging Redux
- Practiced **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
- Collaborated to design an app to **help recovering patients track their fitness**

SKILLS

Programming Languages

C++

Go

Python

React

Kotlin

PHP

TypeScript

C

JavaScript

Tools and Technologies

Git

Jest & Jasmine

Bash

GraphQL

Unix/Linux

MIPS

HTML

CSS

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)

HOBBIES & EXTRACURRICULARS

Varsity Quidditch Captain

Acapella

Strategy games aficionado

Math Society Office Manager