

# DAVID KHAZZAM

@ david.a.khazzam@gmail.com

in davidkhazzam

dakadabra

davidkhazzam.com

## EXPERIENCE

### Google

#### Software Developer Intern

May 2022 - Aug 2022

- Implemented interface to store **Machine perception** data, accelerating user development by **5x**
- Used **Lit Element** and Jasmine frameworks to create onboarding flow, adding test coverage over **90%**
- Created a **6000-word** document thoroughly outlining project design decisions and guiding future engineers

### Meta

#### Software Developer Intern

Jan 2022 - Apr 2022

- Created components in **React.js**, **GraphQL** and **PHP** for key new features in Facebook Groups
- Spearheaded** communication with designers, PMs, managers, and contributors to achieve **cohesion**
- Took initiative and completed **extra projects**, surpassed expectations by implementing **mobile** features

### Google

#### Software Developer Intern

May 2021 - Aug 2021

- Completed the 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++

TypeScript

Go

Python

React

Kotlin

Lit

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