

DAVID KHAZZAM

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EXPERIENCE

Meta

Software Developer Intern

Jan 2022 - Apr 2022

- Interning on the Community Sustainability team

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%**

Agriculture and Agri-Food Canada

Knowledge Graph Developer

Apr 2019 - Aug 2019

- Created **Python** scripts to clean and organize **over 20,000 botanical species' data** into practical formats

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

TypeScript

C

JavaScript

Tools and Technologies

Git

Jest & Jasmine

Bash

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