

Damian Reiter

Software Engineering Student

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SKILLS

Languages: C++, C, Python, TypeScript, JavaScript, SQL, Ruby, Java

Technologies: Git, Docker, Spark, Node.js, Rails, Kafka, Yarn

EXPERIENCE

BitGo

San Francisco, CA

Software Engineer Intern, *Blockchain Engineering*

Jan 2022 - Apr 2022

- Developed support for the Lightning Network protocol, allowing BitGo customers to make Bitcoin transactions with > 99% reduced fees and processing time
- Maintained and developed Bitcoin-related improvements to BitGo's core wallet platform, which processes over 20% of all Bitcoin transactions by value

Splunk

San Francisco, CA

Software Engineer Intern, *Advanced Security Analytics*

May 2021 - Aug 2021

- Performed research on modern data stream normalization techniques and delivered multiple presentations to greater team
- Applied findings from research to design and develop new risk score normalization system, improving performance of key services and increasing product usability

Shopify

Toronto, ON

Data Science Intern, *International Data Science*

Sept 2020 - Dec 2020

- Analyzed data to detect fraudulent usage patterns of Shopify, increasing accuracy of company-wide data analysis and improving product integrity
- Supported multiple product teams by providing analytics insights in the form of ad-hoc requests, dashboards and data informed presentations

Shopify

Waterloo, ON

Data Science Intern, *Plus Data Science*

Jan 2020 - Apr 2020

- Reduced complexity and improved ease of access to Shopify Plus billing and contract data by designing and developing a large-scale dimensional data model responsible for processing over 100M rows per day
- Performed ad-hoc data analysis and provided recommendations to inform business decisions

Shopify

Toronto, ON

Backend Software Developer Intern, *Internal Tools*

May 2019 - Aug 2019

- Maintained and developed improvements to Shopify's largest internal tool used by over 4000 employees daily, improving company-wide communication and productivity

Flipp

Toronto, ON

Software Engineering Intern, *Item Data Platform*

Sept 2018 - Dec 2018

- Proactively identified and fixed faults in central item data pipeline responsible for processing over five million items per day, increasing user engagement with high-impact retailers

PROJECTS

Doctor DMs

JavaScript

Hackathon Winner, *DeltaHacks IV*

2018

- Created a SMS service that allows global users to get detailed medical information instantly without requiring an internet connection
- Winner of 'Best use of StdLib' and finalist for best hack overall

EDUCATION

University of Waterloo

Waterloo, ON

B.SE in Honours Software Engineering, 4x Dean's Honours List, GPA: 89/100

Sept 2018 - Apr 2023