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, GPA: 89/100 — *Sept 2018 - Apr 2023*