Christian Baran

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GitHub: https://github.com/ctbaran

Relevant Experience

Wealthsimple
Toronto, ON

Senior Software Engineer
Apr 2021 - Current

Worked in the Client Domain on investment account opening

- Developed a Node.js/TypeScript platform for building new account opening experiences
- Worked on Ruby on Rails microservices
- Established technical north star for the Client Domain

Engineering Manager
Apr 2019 - Apr 2021

Led teams in the Wealthsimple For Advisors Domain and the Client Domain

- Simultaneously led a full stack team of 5 engineers and a process automation team of 3 engineers
- Contributed to launching a new line of business regulated under the Mutual Fund Dealers Association of Canada
- Led a cross-functional team of 7 engineers working on onboarding and marketing
- Assisted in hiring for the Wealthsimple For Advisors and Clients Domains

Engineering Team Lead
Dec 2018 - Apr 2019

Led a full stack team of 4 engineers in the Wealthsimple For Advisors organization

- Developed new mutual fund process automation in PL/SQL and Java

Software Engineer
Mar 2017 - Dec 2018

Worked on the brokerage platform with a primary focus on trading processes, RESP account support, and mutual funds

- Optimized two mission critical PL/SQL procedures to achieve a 120x speed-up in one procedure and a 7x speed-up in the other
- Developed a mutual fund order execution system in Java to enable a high interest savings account product
- Developed a new process for posting trades that saved approximately 4 person-hours per day
- Worked on Ruby on Rails microservices

Index Exchange
Toronto, ON

Software Engineer
Feb 2016 - Mar 2017

Regular tasks included performing maintenance on production servers, planning security updates, working on continuous delivery/integration initiatives and building automation tools for deployment and integrations.

- Installed, configured, and maintained company's platform on over a thousand production machines, roughly 50% of the production fleet at the time
- Worked on projects including developing a new monitoring tool and building an integration for a new partner

Education

University of Saskatchewan
Saskatoon, SK

Major Average: 91%

Completed 46 major credit units towards B.Sc. Computer Science
2014 - 2015

McGill University
Montreal, QC

CGPA: 3.50

Completed 45 credits towards M.Sc. Biochemistry
2010-2013

University of Saskatchewan
Saskatoon, SK

High Honours, Cumulative Average: 86%

B.Sc. Honours - Biochemistry & Microbiology
2006-2010