

## TECHNICAL SKILLS

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- C/C++, Java, Ruby, Swift, JavaScript, Bash, SQL, HTML/CSS
- Node.js, Ruby on Rails, iOS, GraphQL, AngularJS, MySQL, MongoDB, Elasticsearch, Kafka, Samza, REST APIs, Git, UNIX

## WORK EXPERIENCE

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### LinkedIn

Sunnyvale, California

#### *Software Engineering Intern, Search*

*January - April 2018*

- Implemented a new feature for LinkedIn Search using Java that generates rich contextual cards in the search results page containing insights of the predicted search entity, significantly enhancing the search experience.
- Architected and implemented a mid-tier service that generates and centralizes insights with a quality score.
- Served as project champion, led design reviews, collaborated with engineers, PMs, other teams and shipped MVP.
- Integrated a machine learning model into the search backend to identify students and job-seekers in order to exempt them from the premium search paywall, making LinkedIn Search more accessible.

### Shopify

Ottawa, Canada

#### *Software Engineering Intern, Payments*

*May - August 2017*

- Redesigned payment system using Rails to support multicurrency, allowing selling and settling in different currencies.
- Released feature to enable Canadian merchants using Shopify Payments to modify their payout currency.
- Utilized Stripe APIs for provisioning accounts, updating bank accounts, and performing currency conversion.

#### *Software Engineering Intern, Shopify Mobile*

*January - April 2017*

- Developed and released the Customers feature, and several enhancements to other core features on iOS app.
- Wrote GraphQL queries and updated the internal GraphQL API using Rails to support new mobile features.
- Reduced the calls to server on iOS when updating objects by 50% by using batched queries.

#### *Software Engineering Intern, Production Engineering*

*May – August 2016*

- Architected a dynamic and robust mobile continuous integration system that utilizes shared storage using Ruby, Bash.
- Decreased average build time by 64% by improving concurrency and parallelization in the scheduler.
- Added code signing ability on VMs, and automated the app store submission process.

### LoyaltyOne

Toronto, Canada

#### *Software Engineering Intern, Air Miles Reward Program*

*May – August 2015*

- Designed and implemented a RESTful API using Node.js for processing transactions in Air Miles currency.
- Utilized distributed strategies and ACID principles to ensure that payment processing was reliable and efficient.

## EDUCATION

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### University of Waterloo

*September 2014 – Present*

- B.C.S in Computer Science with Software Engineering Option, Entrepreneurship Minor, GPA: 3.6
- Coursework: Algorithms, Artificial Intelligence, Databases, Operating Systems, Software Architectures, User Interfaces
- Awards: President's Scholarship, Crawford Scholarship

## PROJECTS

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### Binge (Swift, Node.js) – MHacks, Michigan University

- Personalized news app for iOS that gives you the news about any topic, no matter how broad or narrow it is.
- Semifinalist in the US wide 2016 Student Startup Madness contest.

### CoinChat (Node.js, Azure) – HackHarvard, Harvard University

- Facebook Messenger chat-bot with NLP and OCR to allow users to perform their everyday banking tasks with ease.