

## TECHNICAL SKILLS

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- C/C++, Java, Ruby, Swift, JavaScript, Bash, SQL, HTML/CSS, Machine Learning (PyTorch, Tensorflow, Keras)
- Node.js, Rails, iOS, GraphQL, MySQL, MongoDB, Elasticsearch, Kafka, Samza, AWS, REST APIs, Git, UNIX

## WORK EXPERIENCE

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### Element AI

Montreal, Canada

AI Developer Intern, NLP

September - December 2018

- Currently working with the NLP team at Element AI on cutting-edge deep learning models for processing and understanding text using PyTorch, Tensorflow and Keras.

### LinkedIn

Sunnyvale, California

Software Engineering Intern, Search

January - April 2018

- Implemented a new feature for LinkedIn Search using Java to generate 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.
- Integrated a machine learning model that exempts students and job-seekers from the premium search payroll.

### 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.
- 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. 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, improving developer hours

### 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: 3.7
- Coursework: Algorithms, Artificial Intelligence, Databases, Operating Systems, Software Architectures, User Interfaces
- Awards: President's Scholarship, Crawford Scholarship, Dean's Honour List (Spring 2018)

## PROJECTS

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

- 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.