

## Experience

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### Junior Software Engineer

Ravelin

Sep 2017 - Present

- Full stack engineer who primarily works on the client facing dashboard built with TypeScript, AngularJS and powered by Go micro-services.
- Resolved 50+ JIRA tickets implementing new features, refactoring legacy code and solving bugs while following sound software engineering practices.
- Wrote extensive unit tests and integration tests for both backend and frontend components.

### Engineering Co-op Student

Andritz Ltd

Aug 2016 - Dec 2016

- Using SAP API and VBA created a suite of Excel tools for Project Managers saving them 10 hours every week
- Developed Python database app with SQLite to reduce time searching for SAP materials by 50%

### Data Analyst Intern

Canadian Logistics

Dec 2015 - Sep 2016

- Replaced manual processes with Python to efficiently consolidate all daily incoming data, saving 2 hours per day
- Improved hiring practices by analyzing compiled data to demonstrate the low retention rates associated with hiring through labor agencies
- Utilized Excel pivot tables to summarize, categorize, and present data allowing the owner to make informed decisions about company operations

## Education

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Vancouver, BC

University of British Columbia

Sep 2013 - May 2019

- Bachelor of Applied Science in GPA: 3.6/4.3

## Projects

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- **JobBot** ([Github](#)) *Python, Selenium, XPath, NLP*  
The bot that landed me my job at Ravelin! It's automatically able to apply to job listings using personalized cover letter based on keywords from the job description. It also got passed many screening questions using NLP techniques.
- **Improved UBC Transcript** ([Github](#)) *Python, Flask, TypeScript, MongoDB*  
Bookmarklet that enhances and beautifies the unofficial UBC transcript, it gets about 450 hits per month and is included as a sidebar resource on the r/UBC subreddit!
- **Blob Combat Simulation** ([Github](#)) *C++, SFML, QtCreator, Eigen*  
Combat simulation where 'blobs' evolve over time using neural networks and genetic algorithms. Includes fast-forward button to significantly reduce training time.
- **RoboRooney** ([Github](#)) *Go, Slack, Heroku*  
Slack-bot to quickly scan all available openings at football pitches using the MyLocalPitch API and help arrange soccer scrimmages through Slack

