# ALEXANDER SAFATLI

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## EDUCATION

**Dalhousie University, Canada** *June 2015*

Master of Computer Science (GPA 4.3)
B.S. in Computer Science (Major GPA 4.0)

Secretary of Computer Science Graduate Society
Secretary of Computer Science Society

Algorithms, Data Structures, NLP, OS, DBs, Software Engineering,
Principles of Programming Languages, Architecture, Cryptography, Discrete

## EXPERIENCE

**BeyondTrust** January 2017 - November 2017
*Software Engineer* *Halifax, NS*

· Maintained full stack development of a cyber security software deployment suite packaged with software used by and marketed to Fortune 100 companies. Work was in Javascript (Angular 2 and 3) and Go.
· Managed tooling for software deployment for the team via tools like Jenkins and Docker.

**Amazon** January 2016 - October 2016
*Software Development Engineer I* *Seattle, WA*

· Touched both frontend and backend components of an established e-commerce platform.
· Worked on a team that had a focus on payment methods and gift card redemption. Work was mostly in Java with some work in C++, Perl, and Python.
· Served on-call a number of weeks on a regular monthly basis to monitor and manage large demand web services and platforms.

## TECHNICAL SKILLS

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|---|---|
| **Computer Languages** | C, Go, Python, Java, Ruby, C#, C++, Obj-C, Lua, Prolog, Haskell, Scheme, R |
| **Protocols & APIs** | XML, JSON, REST, IMAP, SMTP, POP3, HTTP, UDP, TCP |
| **Frameworks** | Ruby on Rails, JQuery, Angular, ASP.NET, Mason |
| **Databases** | MySQL, PostgreSQL, Microsoft SQL, Mongo, Dynamo |
| **Methodologies** | Machine Learning (SVMs, Random Forests, DNNs, k-NN), Data Mining |
| **Tools** | Git, LaTeX, SVN, Unix (ricing, GNU utilities, etc.), Vim, Emacs |