

# Alexei Coreiba

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## Work Experience

### Software Development Engineer

July 2020 – Present

Amazon Web Services

- Developed a graph component which allows customers to visualize dynamic data quickly and effectively - (*JavaScript, React (c3js, d3js), Git*)
- Designed and developed pipeline that ingests large data into Elasticsearch allowing for quick Elasticsearch queries to be executed to fetch data for the frontend - (*AWS - S3, SQS, Lambda, CloudFormation, Python, Elasticsearch, Git*)
- Quickly resolved code and ops issues while on-call, effectively lowering ticket numbers and minimizing customer impact – (*Java, AWS*)

### Software Engineering Intern

May 2019 – August 2019

Infor

- Created and deployed database search engine for support team to reduce incident resolution time - (*Angular, Java, Spring Boot, Python, Solr/Lucene, SQL Server, CentOS 7, SVN*)

### Web Developer Intern

May 2018 - August 2018

Toronto District School Board

- Ensured safe and quick PDF generation and distribution of files containing private data - (*Angular, C#, PDF generating API*)
- Improved user experience and security by assisting in creating an SSO process for a large TDSB application – (*Microsoft .NET, Microsoft Azure*)

### Testing and Technical Services Analyst Intern

September 2017 - December 2017

CIBC

- Saved team hours per day by creating tool that automates the QA analysis process – (*VBA*)

## Education

### University of Toronto

September 2016 - June 2020

Graduate, Honours Bachelor of Science

- Computer Science Specialist, Software Engineering stream

## Projects

### Easy U (Startup)

July 2019 – March 2020

- Developed question and document similarity search for app that improves the academic life of university students – (*JavaScript, Solr/Lucene, AWS*)

### RU Hacks 2019 Finalist (Top 5 of 50)

May 2019

- Developed backend of app that utilizes vehicle recognition to measure and monitor their speed to ensure safer roads and hold drivers responsible – (*JavaScript, TensorFlow.js, MongoDB*)