

Alexei Coreiba

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Work Experience

Software Engineer II

PayPal

November 2021 – Present

Software Development Engineer I

Amazon Web Services

July 2020 – October 2021

- 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*)

Software Engineering Intern

Infor

May 2019 – August 2019

- 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

Toronto District School Board

May 2018 - August 2018

- 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

CIBC

September 2017 - December 2017

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

Education

University of Toronto

Graduate, Honours Bachelor of Science

September 2016 - June 2020

- 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*)