

# Labib Chowdhury

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## 🎓 EDUCATION

### University of Toronto

Honours Bachelor of Science

2016 – 2021 | Toronto, Canada

### Computer Science - Statistics

Dean's List Award - 2017

Vice President | Computer Science Student Union - 2020/21

### Relevant Coursework:

Data Structures & Algorithms

Artificial Intelligence, Machine Learning

Data Analysis, Object-Oriented Programming

Algorithm Design, Operating Systems, Database Design

## 🧠 SKILLS

### Strong

Python, JavaScript, Java, Bash

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### Familiar

C, PHP, R

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### Frameworks

Angular, React, NodeJS, Flask, jQuery, TypeScript

### Databases

PostgreSQL, MongoDB, Oracle, DynamoDB

### Tools/Other

Git, AWS, Docker, Jenkins, Google Guice, Vim, LaTeX, Unix, HTML, CSS, Kanban, Scrum

## 💼 PROFESSIONAL EXPERIENCE

### Amazon Web Services

06/2020 – 08/2020 | Vancouver, Canada

Software Development Engineer Intern

- Enhanced AWS GuardDuty and Macie Findings by decorating with additional Account Details to minimize additional effort for customers
- Created caching layer with DynamoDB to store Account Details in order to reduce cost of data transactions
- Extended backend by working with internal AWS APIs to retrieve necessary information
- Increased unit test code coverage of microservices to above 80%
- Documented and designed implementation details in order to practice transparency and receive feedback which lead to high quality and efficient code

### BlueCat Networks

09/2019 – 05/2020 | Toronto, Canada

Software Engineer Intern

- Developed test harness to analyze which microservices are the biggest factors on product performance
- Added documentation to several microservices to increase documentation coverage of services to ~70%
- Implemented upgrades on SaaS product to integrate with our DDI solution in order to expand user-base
- Debugged issues with Jenkins pipelines to ensure continuous operation of CI/CD system
- Participated in Agile process to employ good development practices and produce results

### Royal Bank of Canada

05/2019 – 08/2019 | Toronto, Canada

Developer Co-op

- Performed common Oracle DBA tasks such as installing Oracle client on Windows/Unix servers, creating Oracle databases, and managing database objects
- Added new and removed redundant database instances from monitoring tool to improve efficiency and accuracy of our monitoring service
- Wrote various scripts to simplify and automate repetitive tasks
- Led team of interns in the development of a SlackBot for a company organized Innovation Challenge, in which my team placed 2nd in the Student Vote Category

## 📁 PROJECTS

### UofT Course Discussion Board

09/2018 – 01/2019

Python, JavaScript

- Provide users with forum to discuss courses in order to simplify course selection. Built with Angular 6 and Flask

### File Compression using a Huffman Tree

03/2017 – 04/2017

Python

- Lossless compression using Huffman Coding. Received overall grade of 100%