Labib Chowdhury

▶ http://www.labibc.com/

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

Python, JavaScript, Java, Bash

Familiar

C, PHP, R

Frameworks

Angular, React, NodeJS, Flask, jQuery, TypeScript

Databases

PostgreSQL, MongoDB, Oracle, DynamoDB

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

PROFESSIONAL EXPERIENCE

Amazon Web Services

Software Development Engineer Intern

06/2020 - 08/2020 | Vancouver, Canada

- Ehanced AWS GuardDuty and Macie Findings by decorating with 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 lenkins 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%