Labib Chowdhury

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↖ 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, Neural Networks

🧠 SKILLS

Strong   ● ● ● ● ●
Python, JavaScript, Java, Bash

Familiar   ● ● ● ● ○
C, PHP, R

Frameworks
PyTorch, NumPy, Pandas, 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 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 i**mprove 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

Custos - Explainable Threat Intelligence Service   09/2020 — 01/2021
Python, React, PyTorch
- Cybersecurity service using an autoencoder to detect anomalies in network flow; web dashboard created using React

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