

# Labib Chowdhury

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## EDUCATION

### University of Toronto

Honours Bachelor of Science -  
Computer Science and Statistics  
Expected Grad. May 2021  
Dean's List Award - 2017  
Vice President | Computer Science  
Student Union - 2020/21

## SKILLS

### Languages:

(Strong)

Python, JavaScript, Java, Bash

(Familiar)

C, PHP, R

### Frameworks:

Angular, React, NodeJS

jQuery, TypeScript

### Databases:

PostgreSQL, MongoDB, Oracle  
DynamoDB, S3

### Tools/Other:

Git, AWS, Docker, Jenkins

Vim,  $\text{\LaTeX}$

Unix, HTML, CSS

Kanban, Scrum

## HACKATHONS

UOttHack 2018 • UofTHacks 2019  
RBC Innovation Challenge

## COURSEWORK

### Completed:

Data Structures & Algorithms

Artificial Intelligence

Data Analysis

Object-Oriented Programming

Algorithm Design

Operating Systems

Database Design

Machine Learning

## PROFESSIONAL EXPERIENCE

### Amazon Web Services

Incoming Software Developer Engineer Intern

Jun 2020 - Aug 2020

Vancouver, BC

### BlueCat Networks

Software Engineer Intern

Sept 2019 - May 2020

Toronto, ON

- 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

Developer Co-op

May 2019 - Aug 2019

Toronto, ON

- 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

JavaScript/TypeScript

July 2018 – present

Toronto, ON

- 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

Python

Mar 2017

Toronto, ON

- Built Python application to compress and decompress a file, in a lossless manner