

# Aayush Sheth

Software Developer



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## Technical Skills

### Programming

- Python
- C
- Java
- MySQL
- Bash

### Other Skills

- Git
- Jenkins
- AWS
- Tableau/PowerBi
- Linux

## Education

B.Sc. Computer Science

Wilfrid Laurier University

2016 - 2020

Waterloo, Ontario, Canada

T.A for CP212: Intro to VBA

## Relevant Courses

Machine Learning

Data Mining

Databases

Networks

Artificial Intelligence

## Experience

### Scotiabank, Software Engineer

Toronto, ON

APRIL – AUG. 2021

- Developed classification rules within payment engine using Java causing an increase in the overall success rate of high value payments from 86% to 90%
- Improved name matching rate from 8 hours to 2 hours within payment hub by implementing fuzzy string-matching algorithm
- Created dashboard for analyzing and visualizing payment metrics such as success rate, uptime, fraud rate, etc. using Python, MySQL and PowerBi
- Used python to setup ETL pipeline for report processing, reducing data processing time from 1 hour to 5 minutes and used SFTP to automate report email distribution

### CIBC, Application Developer Intern

Toronto, ON

MAY – AUG. 2019

- Developed address parsing engine using Java to support address validation in CIBC's mortgage approval application ensuring no data degeneration occurred during downstream data processing
- Used Firebase hosted REST API to deploy an app which provided real estate information such as square feet, date of construction etc. when given an address within the Greater Toronto Area
- Converted Bash scripts into standalone Java programs to be used by mortgage agents to save them time and improve accessibility to applications
- Reconstructed Java code to fix incorrect server response errors by 45%, saving developers time and company resources

### Rogers Communications, Automation Engineer Intern

Toronto, ON

MAY – AUG. 2018

- Designed and automated various processes such as verification, error-handling, and utility functions, etc. resulting in an increase of uptime, code reusability and robustness
- Administered Jenkins pipeline, consisting of tasks such as configuring relevant plugins, creating build and configuration file reducing code maintenance time
- Rewrote shell scripts to further automate existing processes resulting in reducing deployment time from 45 minutes to 17

### RBC Direct Investing, Software Engineering Intern

Mississauga, ON

MAY – AUG. 2017

- Developed python scripts to automate data collection and analysis, increasing overall efficiency within the Client Care and Optimization Team by 30%
- Analyzed department effectiveness by extracting performance metrics from a MySQL database and visualizing the results using Tableau and creating biweekly reports for senior managers