

EDUCATION

**CARLETON UNIVERSITY****BACHELOR OF COMPUTER SCIENCE**
GPA: 4.0/4.0 Graduation: Dec 2020<https://www.linkedin.com/in/azimb/><http://www.github.com/baghadiya/>

EXPERIENCE

BLACKBERRY QNXCORE OS SOFTWARE DEVELOPER
STUDENTC, QNX, Linux, GNU
Compilers, gdb, bash, and GitMay 2019
TO
August 2019**MITEL NETWORKS**CLOUDLINK R&D
SOFTWARE DEVELOPER INTERNC#, TypeScript, REST APIs,
Postman, Swagger, AWS
Services and Git & GitHubMAY 2018
TO
DEC 2018

- Delivered seamless unified communication services by developing a C# SDK that wraps the remarkable capabilities of CloudLink microservices deployed on the AWS Cloud Platform
- Drastically boosted the engineering productivity of real time application development by building sample applications that demonstrated various use-cases offered by the C# SDK

CU FACULTY OF SCIENCETEACHING ASSISTANT
DATA STRUCTURES & ALGORITHMSJava, Python, Pygame
and UbuntuSEPT 2017
TO
PRESENT

- Assisted students in designing & implementing abstract data types and analyzing the complexity of algorithms
- Topics include stacks, trees, heaps, and graphs - Java as the choice of programming language

SOFTWARE PROJECTS

Python Scheduling softwareLanguages, Tools, and Technologies: Python and Git
<https://github.com/baghadiya/scheduling-software>

Designed and implemented an automated scheduling algorithm that generates employee schedules 20 times faster compared to the usual manual scheduling

Java Adventure GameLanguages, Tools, and Technologies: Java and Git
<https://github.com/baghadiya/adventure-game.git>

Built an adventure game with sound effects and text-based graphics by incorporating the essential aspects of OOP, including inheritance and polymorphism

TECHNICAL SKILLS

Programming Languages: Java, Python, C#, Typescript, C, C++, Haskell, HTML & JavaScript**Databases and languages:** SQL, and MongoDB**Tools and Technologies:** AWS Services, REST APIs, Postman, Swagger, Git & GitHub, and VS**Operating Systems:** Windows, macOS, and Linux

AWARDS AND HONOURS

- Dean's Honour List, CU 2017-2018
- A.D. Dunton Scholarship, CU 2017-2018
- Espail Scholarship in Computer Science 2017