# Burhan Faquiri

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## EDUCATION

**Sheridan College**                                                                                          Dec. 2023

*Honours Bachelor of Computer Science, Minor in **Mobile Computing***

- Extracurricular: President of the Computer Science Club, Teaching Assistant for the Computer Science program, Recipient of the Sheridan Student Union Academic Award of Excellence
- Relevant Coursework: Data Structures and Algorithms, Software Design, Operating Systems, Object-Oriented Programming, Advanced Networking, Android Development, Virtualization & Software Defined Networks
- **Graduated with High Honours Award**, **GPA:** 3.93

## WORK EXPERIENCE

**FreshBooks**                                                                                    May 2023 – August 2023

*Dev-Ops Engineer Intern*

- Led the successful transition of **CI/CD** pipelines to **100% Microsoft Azure DevOps**, resulting in enhanced developer productivity and reduced errors
- Published **custom Azure DevOps** tasks on **Visual Studio Marketplace**, improving developer experience and reducing development time
- Achieved a **34%** optimization in build time for FreshCLI, enhancing performance for multiple microservices
- **Templated Azure pipelines**, promoting best practices and code reusability, resulting in improved developer productivity and error reduction

**TD Bank**                                                                                    January 2023 – April 2023

*Android Developer Intern*

- Contributed to the development and maintenance of the Android TD Bank app using Java, Kotlin and the Android SDK to build responsive and dynamic user interfaces in **Jetpack Compose**
- Followed HCI guidelines and best practices to implement new features resulting in over **90 million visits** and a click rate of **51%**
- Worked with an **Agile** team to realize project requirements and implement solutions in place to satisfy them
- Utilized **JUnit** and **Mockito** for robust unit testing to ensure code stability and quality

**Centre for Applied AI & GEOTAB**                                                September 2022 – December 2022

*Software Engineer & Data Analyst Intern*

- Engineered a **front-end** city maintenance website using **Svelte JS** with the city of Kingston
- Executed geospatial queries on **Google BigQuery** and filtered GeoJSON data for efficient data analysis
- Constructed **RESTful** backend endpoints using MyGeotab SDK

**SIRT Centre**                                                                                    May 2022 – August 2022

*Software Engineer Intern*

- Developed **AR** applications for **iOS devices**, applying best practices for 3D avatar manipulation
- Conducted research and tested emerging AR tools with **Unity** in **C#** and **ARKit**
- Authored detailed documentation outlining research findings and effective AR development techniques

## PROJECTS

ASL Rocket to Space

- Developed a web app with Python, Django, JavaScript, and Microsoft Azure within 48 hours, winning **1st place** in the Hackville Hackathon
- Teaches the basics of ASL through interactive, gamified learning methods to youth

## TECHNICAL SKILLS

**Programming Languages**: Python, C#, Kotlin, Java, JavaScript, C++, Swift
**Frameworks/Tools**: Azure DevOps, Gradle, Groovy, Jenkins, Unity, .NET Core, React, Spring, SQL, JIRA, Docker, Kubernetes