Burhan Faquiri

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EDUCATION

Sheridan College September 2019 – December 2023

Honours Bachelor of Computer Science

- Extracurricular: President of the Computer Science Club, Teaching Assistant, Recipient of Alumni Award of Excellence & 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

Centre for Applied AI & Naryant January 2024 – April 2024

Software Engineer & Data Analyst Intern

- Used SUMO and OpenStreetMap to model and analyze traffic patterns across 10+ urban zones, enhancing data accuracy for urban projects
- Developed a Selenium and Python web scraper to extract demographic data for Oakville, aiding in urban planning

Sheridan College May 2021 – December 2023

Computer Science Tutor

- Hosted weekly tutoring sessions, providing academic support to students and enhancing their understanding of complex topics in Python, mobile and web development
- Assisted professors during lectures, contributing to a collaborative learning environment
- Worked closely with professors in the Mobile Computing program and communicated frequently for updates on student's performance and next steps
- Conducted research on emerging technologies, including Microsoft MAUI, to evaluate their integration into the curriculum

FreshBooks May 2023 – August 2023

Dev-Ops Engineer Intern

- Transitioned CI/CD pipelines to Microsoft Azure DevOps, utilizing Python, Docker, Kubernetes, and Helm charts, boosting developer productivity and reducing errors
- 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 and MVVM architecture
- Implemented HCI guidelines and best practices, resulting in over 90 million visits and a 51% click rate
- Worked with an Agile team to realize project requirements and implement solutions in place to satisfy them

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
- Constructed RESTful backend endpoints using MyGeotab SDK, integrating with the UI to ensure efficient data processing and real-time updates

PROJECTS

Personal Website Portfolio

- Built a dynamic personal portfolio showcasing projects and professional experience, using React, Vite, and TailwindCSS for modern design and responsiveness and Git for version control.

TECHNICAL SKILLS

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