Burhan Faquiri

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EDUCATION

Sheridan College   September 2019 – December 2023

Honours Bachelor of Computer Science, Minor in Mobile Computing

- 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, Artificial Intelligence, 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
- Collaborated with cross-functional teams to develop and implement continuous delivery mechanisms in an Agile DevOps environment

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
- 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

Centre for Applied AI, Osteoperosis Canada & Naryant   November 2021 – April 2022

Machine Learning Engineer & Data Analyst Intern

- Conducted machine learning and data science research to predict the risk of Osteoporosis using Python and Scikit-learn
- Performed data cleaning for thousands of patient data records to ensure effective machine learning algorithm performance
- Developed data validation strategies to ensure high levels of data quality throughout the project lifecycle
- Implemented feature engineering techniques to enhance the predictive power of datasets

TECHNICAL SKILLS

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