

Burhan Faquiri

647-563-5093 | Toronto, ON | faquiriburhan@gmail.com | [LinkedIn](#) | [GitHub](#) | [Personal Website](#)

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

WORK EXPERIENCE

Centre for Applied AI & Naryant

January 2024 – April 2024

Software Engineer & Data Analyst Intern

- Modeled traffic patterns using SUMO and OpenStreetMap, improving accuracy in 10+ zones for urban planning
- Built a Python Selenium scraper to automate Oakville demographic data extraction from census sources
- Developed ETL processes to transform demographic data into SUMO XML format, streamlining traffic simulations
- Optimized SQL queries by indexing key columns and restructuring joins, improving data retrieval speed by 20%

FreshBooks

May 2023 – August 2023

Full-Stack Software Engineer Intern

- Spearheaded CI/CD pipeline migration from Jenkins to Azure DevOps using Docker and Kubernetes, transitioning 5+ microservices ahead of schedule
- Improved FreshCLI build times by 34% through effective environment variable management, enhancing microservices efficiency
- Designed modular Azure pipeline templates, enhancing code reusability and developer productivity
- Developed a custom Azure DevOps task for Code Climate, reducing duplication and streamlining cloud workflows

TD Bank

January 2023 – April 2023

Android Developer Intern

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

GEOTAB

September 2022 – December 2022

Software Engineer & Data Analyst Intern

- Engineered a front-end city maintenance website using React and Redux with the city of Kingston
- Executed geospatial queries on Google BigQuery & filtered GeoJSON data for efficient data analysis
- Constructed RESTful backend endpoints using MyGeotab SDK, integrating with the UI to ensure efficient data processing & real-time updates

SIRT Centre

May 2022 – August 2022

Software Engineer Intern

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

PROJECTS

Personal Website Portfolio — *React, Vite, Tailwind, Git*

- Built a dynamic personal portfolio showcasing projects & professional experience

EDUCATION

Sheridan College

September 2019 – December 2023

Bachelor of Science in Computer Science

- Extracurricular: President of the Computer Science Club, Teaching Assistant, Recipient of Alumni Award of Excellence & Sheridan Student Union Academic Award of Excellence
- Graduated with High Honours Award, GPA: 3.93