

AMMAR KHAN

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EDUCATION

Dalhousie University
Bachelor of Computer Science

September 2019 - August 2023
Halifax, NS

SKILLS

- **Programming Languages:** Kotlin, Java, Python, C, C#, SQL, JavaScript, PHP, HTML, CSS
- **Project Management:** Agile Software Development, Jira, Azure DevOps, Phabricator, Trello, Git SCM
- **Tools & Frameworks:** Android Studio, Selenium, JUnit, Node.js, React, REST APIs, MongoDB, TestRail

RELEVANT EXPERIENCE

MARS VR Lab

Junior Developer & QA Tester

January 2022 – August 2022

Halifax, NS

- Collaborated with animators, level designers, and the leadership team to successfully ship over 5 innovative game levels for IWK Health Centre in a fast-paced environment.
- Designed and implemented various VR technology-based interactive elements in the Unity engine using C# programming to boost user engagement.
- Conducted rigorous testing on the application's database to validate data management operations, contributing to the overall stability and reliability of the access control system.
- Executed game testing plans using various testing methodologies and ensured Quality Assurance standards were met throughout the testing phase.

Modest Tree

Software Quality Assurance Engineer

May 2021 – August 2021

Halifax, NS

- Developed and executed test cases while identifying and tracking defects across multiple platforms.
- Designed various 3D and virtual reality solutions using the Modest3D development suite.
- Leveraged cross-functional collaboration with the development team to perform intricate software testing, driving enhancement of product functionality.
- Independently managed and executed the Quality Assurance process, created comprehensive documentation, and actively participated in strategic planning for the successful public release of the company's innovative mixed reality software solution.

ADDITIONAL EXPERIENCE

Sports Data Operator (Part-Time)

Nielsen

August 2023 – Present

Halifax, NS

PROJECTS

Car Maintenance Web App (React) | [GitHub](#)

July 2023

Developed a user-friendly React web application, integrated with REST APIs and a MySQL database, that serves as a comprehensive platform for car owners to track maintenance schedules and find nearby local vendors.

Otrio Board Game (Android) | [GitHub](#)

March 2023

Developed an Android application for Otrio, a strategy board game, implementing game logic and multiplayer capabilities to provide a fun and casual gameplay experience for users.

3D Endless Runner Game (Unity)

November 2022

Designed an engaging 3D endless runner game in Unity Engine, showcasing immersive gameplay mechanics.