

Aleem Ul Haq

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EXPERIENCE

theScore Inc, Toronto — Automation Engineer

May 2016 - Aug 2017

- Developed UAT level automated testing framework which reduced a 56 hour manual testing process(per product) to a 9 hour automated testing job.
- Writing and maintaining automated tests for IOS and Android applications.
- Understand SDLC (Software Development Life Cycle) - planning, development and measurement.
- Identify nuances of cross-platform testing.
- Follow up with existing bugs and ensuring resolution.
- Participating in bug triaging, priority assessment and coverage tracking of reported bugs into the company's internal bug tracking system.
- Understand acceptance criteria for specific features.
- Develop quality experiences by understanding user interactions.
- Extensive use of Appium and XCUITest framework.
- 2000 commits and over 300,000 lines of code contributions on GitHub.

PROJECTS

OpenGL Chess 3d

- Developed a 3d chess game in OpenGL and C++. Implemented several features of 3d graphics including ray casting, object picking, lighting, textures, alpha blending, interactive camera and shaders etc.

Connect Four

- Implemented and documented a GUI version of the Connect Four game using Java. JUnit was used for testing and debugging. The project consisted of a clever AI implementation and efficient algorithms to ensure maximum efficiency.

PoolGen

- PoolGen: Developed a player-pool generator that generates and organises player pools/brackets for any tournament from a big database. The project focused on software design and documentation, emphasising on meeting a customer's requirements and deliver a satisfactory product.

EDUCATION

McMaster University Honours Computer Science Co-op (B.A.Sc.)

September 2013 - Present
Hamilton, Ontario
Canada

SKILLS

Over 5000 lines of code:

Java • Python • C++ •
Haskell

Frameworks and tools:

Jira • TestRail • Android
Device Monitor • OpenGL
• FreeGLUT

Working experience in:

Javascript • HTML • CSS
SML • Elm • MIPS • C

Favourite Courses

- Computer Graphics
- Operating Systems
- Algorithms & Data Structures
- Discrete Mathematics
- Linear Algebra
- Probability & Statistics

Interests

Dota 2 • Fitness •
Teaching • Table tennis