

# Aleem Haq

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aleemulhaq.github.io

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## Skills

### Programming Languages

Java  
Python  
C# .NET  
Javascript (ES7+)

### Libraries & Frameworks

Ruby on Rails  
Django  
PostgreSQL  
PyTest  
JUnit  
NumPy

### Development Tools

Unity (game engine)  
Docker  
Jenkins  
iOS  
AWS  
Appium  
Agile & Git workflow

### Web

Html, CSS  
React.js  
Node.js

## Project

### Casino VR, Behavioral Economics

Virtual reality casino environment, built using C#, Unity (game engine) & SQL, to conduct experiments on risk aversion behavior

## Education

**BA in Computer Science, Honors**  
McMaster University

Graduated May 2022

## Experience

**- Software Engineer** 6 mo, Mar - Aug 2021

*Equestrian Show Manager | Hamilton, Canada*

- **Project Owner & lead full-stack Engineer**
- Moved **manual-in person payment to an online authenticated payment service**, using Ruby on Rails, Javascript and the Square API
- Rewrote our frontend components in React.js to improve user experience & received **positive reviews**

**- Software Engineer** 1.5 yr, Apr 2018 - Aug 2019

*theScore | Toronto, Canada*

- Collaborated across multiple teams to **develop, test & launch** theScore's Android & iOS mobile gambling applications
- Responsible for testing **Geolocation & Bet API**, to verify betting features are inaccessible in States with an effective online gambling ban
- Automated testing for various network connection health & types

**- Software Engineer Co-Op** 1 yr, May 2016 - Aug 2017

*theScore | Toronto, Canada*

- Developed a **UI test automation** framework with Appium for Android and iOS applications, **reducing a 2 week manual testing process to a 15 hour automated CI/CD pipeline**

**- Software Engineer in Test (SDET)** 6 mo, Aug - Dec 2021

*Urbint | NYC, USA*

- Developed a tool & web-app to monitor & conduct performance tests for the Urbint API & visualize metrics, integrated with Datadog, Jenkins & Docker
- Profiled API & SQL queries, and optimized them to **decrease average HTTP request response rate by -63% (800ms to 300ms)**
- **Rewrote & modernized** documentation for **test infrastructure** reducing **new hire ramp-up time from 1 week+ to 1 day**