MOHAMMED IRFANUL HAQUE

✉ ihaque@mun.ca   github.com/Irfanul383   linkedin.com/in/irfanh383/   🌐 irfanul.netlify.app/

WHY CHOOSE ME

- Proficient in Unity game development, augmented reality, and web technologies (React, Bootstrap, Tailwind CSS)
- Skilled in SQL data optimization with leadership experience in graphic design and as front-end developer
- Knowledgeable in AWS Cloud Practitioner services

SKILLS

- AWS Cloud Computing
- Front-end Web Development
- Testing and Quality Assurance
- Artificial Intelligence
- Team SCRUM meetings
- Git Version Control Practices
- Database Technologies

TECHNOLOGIES

- React JS
- Node JS
- Bootstrap CSS and Tailwind CSS
- Unity 3D
- AWS amplify
- CI/CD
- C#, JavaScript, Python, HTML, SQL
- Microsoft Excel SQL

EDUCATION

Bachelor of Science with Computer Science major and Mathematics minor
Memorial University of Newfoundland
St. John's, NL
September 2021 - Current

CERTIFICATIONS

Amazon Web Services *(In-progress)* CLF-002 Cloud Practitioner Certificate
Udemy *(Jan 2024)* Ultimate AWS Certified Cloud Practitioner CLF-C02 by Stephane Marek
Student Volunteer Bureau *(Apr 2023)* Volunteer Incentive Program Gold Level

RELEVANT EXPERIENCE

Front-end Developer | Muslim Student Association, Memorial University of Newfoundland *(Dec 2023 - Current)*
- Employed **Bootstrap framework** for website styling
- Developed interactive event sections using **React components**
- Utilized **CI/CD** pipelines with **AWS Amplify** to enhance code integration and deployment efficiency

Registrar's Office Student Assistant | Memorial University of Newfoundland *(Oct 2021-Current)*
- Developed and maintained user-friendly **Excel Sheets** for student applications and office inventory
- Applied **SQL** queries for **data extraction, manipulation, and integration**
- **Data entry** and **documentation** of student application

Graphic Coordinator | Student Volunteer Bureau, Memorial University of Newfoundland *(Sep 2022-Apr 2023)*
- Demonstrated **design leadership** in a dynamic graphic design team
- Coordinated effectively with event facilitators, ensuring visual representation aligned with design requirements

PROJECTS

Personal Portfolio Website *(Dec 2023- Jan 2024)* 🔗
- Showcased web development capabilities with a responsive portfolio website using **React** and **Tailwind CSS**
- Deployed using **Netlify** web hosting service for reduced runtime cost and **CI/CD** compatibility
- Created interactive user experience with **React icons** and **React smooth scroll** for navigation and dynamic content presentation

AI JavaScript Web App | Course Project *(Sep 2023-Dec 2023)* 🔗
- A* search algorithm for **pathfinding**, incorporating different heuristics
- Iterative Deepening **Alpha-Beta Pruning** algorithm for a Connect 4 game
- **Genetic Algorithm** tailored for optimizing Sudoku solutions
- Q-Learning-based **reinforcement Learning** algorithm to teach an agent to navigate and make decisions based on rewards

User Review Website | Course Group Project *(Sep 2023 - Dec 2023)* 🔗
- Developed a scalable **front-end** website, optimizing workflow through **collaborative development** and version control with **Git**
- Conducted **unit testing** of website components and created documentation for **microservice architecture** and **process models**
- Led and participated in **SCRUM** meetings providing **team meeting notes** and **code reviews** for the course professor

Unity 3D App *(May 2023 - Sep 2023)* 🔗
- Demonstrated expertise in **augmented reality** and **computer vision** by creating "CiggsCounter," a **Unity 3D** app, using the **Vuforia API**
- Reduces inventory recording times by implementing **image processing techniques** for cigarette recognition and counting
- Contributed to operational efficiency by constructing and **testing** a **prototype** version at a gas station