

# Mir Ali

alimuhaymin13@gmail.com | (571) 484-1746 | www.linkedin.com/in/Mir-M-Ali-2021

## Education

Bachelor of Science in Computer Science, Virginia Commonwealth University (Richmond – Virginia)

Graduated: Dec. 2023

## Relevant Skills

**Programming:** Python, Java, C, HTML, CSS, JS, PHP, SQL

**Cloud:** Azure, AWS – Beginner, Docker-containers

**Workflow:** ADO, GitHub, Jira, Gitbucket

## Certifications

- Microsoft Azure Fundamentals AZ900, Microsoft

Jan. 2022

## Projects

### Treating ADHD with Virtual Reality and AI Instead of Medication

- Researched how to collect information from a virtual environment without interfering with the user experience.
- Gathered data to teach an artificial intelligence how to differentiate between working and being distracted.
- Collaborated with interdisciplinary teams, including psychologists, software developers, and VR specialists, to ensure a holistic and effective treatment approach.

### Database and Website Developer

- Engineered a robust database system to store and analyze data on how diseases interact with people from various backgrounds.
- Developed a user-friendly website interface, providing seamless access to the database for researchers and healthcare professionals.
- Implemented features for dynamic querying and visualization of data, enhancing the user's ability to derive meaningful insights.

### Service Broker Developer - SOA Application

- Engineered a versatile Service Broker facilitating dynamic translation of English words into foreign languages with support for adding new languages on-the-fly.
- Developed an orchestration layer to seamlessly coordinate various services within the application.
- Implemented a utility layer for multilingual messaging, enabling users to receive messages in different languages based on client application settings.

## Relevant Work Experience

### Business Analyst Intern, Bank of America (Charlotte – North Carolina)

Jun. 2023 – Aug. 2023

- Streamlined NDM transmission pipeline by developing an UI and creating and designing a web form with the necessary restrictions.
- Streamlined automating the creation of Jira tickets form a mailbox.
- Researched potential applications for generative AI within the bank.

### Technician Intern, VAE (Springfield – Virginia)

Jun. 2022– Aug. 2022

- Migrated military bases' networks form Cisco to Juniper to upgrade network security and resiliency.
- Analyzed network maps to identify and eliminated potential security breaches.
- Facilitated status updates across multiple teams.

## Leadership Experience

### Networking Officer, Data Science Club (VCU-Virginia)

Nov.2022-Present

- Help organize events to teach students about data science and the opportunities that come with it.
- Helped organize and facilitate professional panel, the focus of the panel was to gain an understanding of the industry for a professional point of view and academic point of view.

### Senior Patrol Leader Eagle Scout, Troops 786 (Sterling – Virginia)

Nov. 2015 – Jan. 2020

- Developed training modules utilizing the EDGE teaching method to develop 80 scouts.
- Ensured training effectiveness by setting goals and gathering feedback resulting in an average 95% satisfaction rates.
- Served 100+ community service hours dedicated to the growth and cleanliness of the community.
- Planned and executed Eagle Scout Project to install the first handicap door at ADAMS Center opening the door for impaired individuals to connect with the community.