

# Mir Ali

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## 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,

**Soft Skills:** Languages-Bangla, Inclusive behaviors, People management skills

## Certifications

- Microsoft Azure Fundamentals AZ900, Microsoft

Jan. 2022

## Projects

### Treating ADHD with Virtual Reality Instead of Medication

- Designed and implemented a virtual reality treatment protocol tailored for individuals with ADHD, offering an engaging and immersive therapeutic environment.
- Conducted comprehensive research to understand the potential impact of VR-based interventions on ADHD symptoms, incorporating insights from psychology and neuroscience.
- 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.
- Orchestrated the integration of a federal tax calculation service, accommodating tax tables for 2020 and 2021.
- 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.