

Mir Ali

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Education

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

Expected Grad: 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

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.

Projects

- Developed a Service broker in C to execute services according to user input, interfaced multiple programming languages.
- My Capstone project was to use virtual reality to treat ADHD instead of using traditional medication.
- Designed and devolved a database to see how diseases interreact with people from different backgrounds.

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.

Audio & Visual Lead, BDesh Foundation (Sterling – Virginia)

Jan. 2016 - Present

- Lead the volunteer team in preparing the audio & visual presentations for the annual fundraising event helping raise \$100,000 in funds per year over night.
- Arranged audio & visual equipment for events to establish a new chapter in New York.

Volunteer, ADAMS Center (Sterling – Virginia)

Jan. 2016 - Present

- Served 4400+ families in an COVID Relief Food Drive twice since 2020.
- Served food and water to 700+ fasting community members annually during the month of Ramadan every year.

Relevant Course Work

Spring 2023

- Programing Languages
- Algorithm Analysis with Advance Data Structures
- Used JAVA to implement, test, and debug algorithms and software.
- Created storyboards, wireframes, prototype, frontend code for a mobile app.
- Created and used simple and complex data structures.
- Decided on appropriate sequence, selection, and repetition structures for given problems.
- Examined the hierarchical structure of computer architecture.
- Have an understanding of Turing machines and the different languages associated with them.
- Used Docker to create and run webservices.