

Mohammad Murad

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Education

University of Virginia, Charlottesville, VA
Computer Science w/ Minor in Data Science, Expected May 2025
GPA: 4.0.
Relevant Coursework: Data Structures and Algorithms, Intro to Data Science, Discrete Mathematics.
Brooke Point High School, Stafford, VA
High School Diploma, June 2021
Graduated Summa Cum Laude with a GPA of 4.407.
Cumulative SAT Score: 1500 (Reading & Writing: 740; Mathematics: 760).

Certifications

Completed the Ultimate AWS Certified Solutions Architect Associate course in July 2022, where I learned how to implement projects in the AWS cloud using services such as IAM, EC2, EBS, EFS, Route 53, RDS, ElastiCache, S3, CloudFront, and many more.

Experience

- Junior Developer, theCourseForum**, Charlottesville, VA, September 2021 - Present
- Aided in maintaining front and back end of www.thecourseforum.com using Bootstrap 4, JavaScript, HTML, Python, and Django.
 - Provided support in efforts to routinely manage large databases with the use of PostgreSQL, which were then implemented into the website.
 - Brainstormed and engineered new features, in frequent collaboration with the Design team, to further improve user experience of the website.
- Director of Social Media and Community Outreach, Care For Humanity**, Stafford, VA, September 2016 - Present
- Designed and built current website, www.careforhumanityva.org, using HTML and Bootstrap 4.
 - Collected and analyzed data of website and social media visitors to generate marketing plans, resulting in a significant 30% increase in donations and activity.
 - Managed social media accounts to boost interaction and visibility of projects and initiatives to local areas.
- Marketing Manager, Wing Zone**, Alexandria, VA, March 2019 - August 2021
- Led and oversaw efforts to extensively collect, arrange, and analyze previous and new customer data.
 - Communicated findings of data to leadership to assist in developing marketing plans that would maximize sales and ROI.
 - Tracked customer activity to routinely interact with existing customers while also gaining new ones, leading to a 15% increase in sales.
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Leadership/activities

- Event Planner/Board Member, Student Hip Hop Organization**, Charlottesville, VA, September 2021 - Present
- Arrange and brainstorm hip hop related events for students at the University of Virginia.
 - Coordinate with local businesses to host events in support of the LGBTQ+ community and POC minorities.
- Secretary, Pakistani Student Association**, Charlottesville, VA, September 2021 - Present
- Collaborate with current members to organize and host events for 300 members of PSA at University of Virginia.
 - Supervise a variety of administrative responsibility, such as coordinating meetings, conveying weekly tasks, and communicating with general body members.
 - Provided significant support in organizing a "Desi Dance", the first South Asian formal event at UVa ever, with a budget of \$5,000.
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Projects

- Hoo Art Thou - A collaboration project for the 2022 HooHacks Competition, built with HTML, CSS, and JavaScript. Assesses a user's personality based on art piece preferences. Won first place for Best Domain Use.
 - Jom and Terry - A game built with Python, where a user controls a mouse and collects cheese while evading a cat. The cat gets faster as the users score increases.
 - Movie Classification - Built a k-nearest-neighbors classifier using Jupyter Notebook and Numpy to classify a movie genre based on word choice/use.
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Skills

- Technical: Python, Java, JavaScript, HTML, CSS, Django, Bootstrap, SQL, Amazon Web Services, Microsoft Office Suite (Word, PowerPoint, and Excel).
- Language: English (Fluent), Pashto (Conversational), Urdu (Advanced), Hindi (Advanced).