

DARSH PATEL

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RELEVANT EXPERIENCE

hackUMBC, Baltimore, MD

Mar 2024 – Present

Tech Team Organizer

- Revamped the hackUMBC app by implementing React Native for a seamless user experience, and integrated a robust backend using AWS, to ensure reliable availability and scalability.
- Engineered a comprehensive update for hackUMBC.tech by migrating the website to Next.js, and fully reworking the front end design using JavaScript and CSS, to boost user retention.
- Implemented a type form within hackUMBC.tech using AWS DynamoDB, for a seamless experience that ensures both availability and scalability.
- Website Link: <https://www.hackumbc.tech/>
- App Link: <https://apps.apple.com/il/app/hackumbc-2023/id6464440274>

PROJECTS

Personal Portfolio Website

July 2024

Sole Developer

- Utilized HTML, CSS, and JavaScript to create a fully responsive Personal Portfolio Website, which adjusts view for both mobile and desktop devices, allowing for a seamless viewing experience no matter the device.
- Link: <https://darshsportfolio.netlify.app/>

American Sign Language Image Recognition

August 2023

Co-Creator

- Developed and implemented an AI-driven image processing system to detect ASL, improving accuracy by 90% and reducing manual interpretation time by 50%
- Integrated with Python Libraries and APIs to create seamless workflow and shorten development
- Link: <https://ml-signlanguage.onrender.com/>

CERTIFICATIONS

AWS Certified Cloud Practitioner

July 2024

Issuer: Amazon Web Services

- Successfully passed the AWS Certified Cloud Practitioner exam
- Acquired a comprehensive understanding of AWS Cloud services, including billing and pricing models for core services
- Link: https://www.credly.com/badges/43f05253-97c8-4d73-848b-387dba662687/public_url

Cybersecurity Essentials

May 2021

Issuer: Cisco

- Passing score on Cisco Networking Academy comprehensive final exam

- Developed foundational knowledge in the CIA Triad, Network Security, and Encryption, emphasizing their importance in cybersecurity
- Link:https://www.credly.com/badges/4f831a90-a2ef-4984-90a7-8c06554c5f7c/public_url

RELEVANT COURSEWORK, HONORS, & EXTRACURRICULARS

- Achieved UMBC Dean's List during the Spring 2024 semester
- Completion of: Computer Science I, II, Discrete Mathematics, Intro to Statistics, Data Structures, Programming Principles, Calculus I, II, and Social and Ethical Issues in IT.
- Member of Google Developers Club (2023-Present)
- Completion of the SAE CyberAuto Program, acquiring advanced skills in automotive Cybersecurity; conducted penetration testing simulations, enhancing overall system security.
- 3-time CyberPatriot Platinum Tier Semi-Finalist, acquiring critical foundational skills in Cybersecurity for detecting and removing malware, as well as strengthening system security in Windows systems. (2019-2021)

EDUCATION

University of Maryland Baltimore County, Baltimore, MD
Bachelor of Science, Major in Computer Science, Current GPA: 3.43

May 2022- Present

Community College of Baltimore County, Baltimore, MD
Associates of Science, Major in Information Systems, Current GPA: 3.49

August 2021- Present

SKILLS

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|----------------|--------------|-------------------|--------------------|
| • C++ (and C) | • HTML/CSS | • MacOS | • Network Security |
| • React Native | • MySQL | • Windows | • Encryption |
| • Next.js | • JavaScript | • AWS Cloud | |
| • Python | • Java | • Cloud Computing | |