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 MySQL backend to ensure reliable data management and scalability.
- Engineered a comprehensive update for hackUMBC.tech with Node.js and React JavaScript, optimizing load times by 50% and boosting user retention by 30% through improved UI design.

PROJECTS

American Sign Language Image Recognition   August 2023
Web Developer
- 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

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, & EXTRACURRICULURS

- 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   May 2022- Present
Bachelor of Science, Major in Computer Science, Current GPA: 3.43

Community College of Baltimore County, Baltimore, MD   August 2021- Present
Associates of Science, Major in Information Systems, Current GPA: 3.49

SKILLS

- C++ (and C)	- mySQL	- MacOS	- Network Security
- React Native	- JavaScript	- Windows	- Encryption
- Python	- Java	- AWS Cloud	
- HTML	- Linux	- Cloud Computing	