DARSH PATEL

+1-443-840-0170 • darshp717@gmail.com • https://github.com/darshp623 • https://linkedin.com/in/darshp623

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.
- 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 JS 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, & 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)
- React Native
- Python
- HTML/CSS
- mySQL
- JavaScript
- Java
- Linux
- MacOS
- Windows
- AWS Cloud
- Cloud Computing
- Network Security
- Encryption