

# DARSH PATEL

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## RELEVANT EXPERIENCE

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**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

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**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://darshportfolio.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

## CERTIFICATIONS

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**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](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](https://www.credly.com/badges/4f831a90-a2ef-4984-90a7-8c06554c5f7c/public_url)

## RELEVANT COURSEWORK, HONORS, & EXTRACURRICULARS

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- 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

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**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

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