

# DARSH PATEL

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## EDUCATION

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**University of Maryland Baltimore County**, Baltimore, MD

May 2022- May 2026

Bachelor of Science, Major in Computer Science, Current GPA: 3.43.

- Active Member of Google Developers Group, and **incoming GDG Lead for Fall & Spring 2025.**
- Tech Team Lead for hackUMBC.
- Dean's List during the Spring 2024 semester at UMBC.

## SKILLS

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- **Languages:** C++, C, Python, JavaScript, Java, HTML/CSS, TypeScript, mySQL.
- **Frameworks/Libraries:** React, Next.js, Node.js, Tailwind CSS.
- **AWS Cloud:** AWS DynamoDB, AWS Lambda, AWS S3, AWS Amplify.

## EXPERIENCE

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**CHOYCES LLC**, Remote, Online

Sep 2024 – Present

**Web Design Intern**

- Designing and managing CHOYCES website with WordPress, JavaScript, and HTML/CSS, and integrating payment systems like PayPal/Square with Python, aiming to improve transactional efficiency by 30%.
- Developing a learning app using TypeScript, React Native, and Python, aiming to enhance learning retention by 35% through interactive and user-friendly design features.

**DAMS Research Lab**, Baltimore, MD

Sep 2024 – Present

**Undergraduate Researcher**

- Undergraduate Researcher in Professor Roberto Yus' Lab at the UMBC DAMS Research Group.
- Implementing website in React, and writing scripts in Python, for the GenAIPABench project, for parsing of thousands of Privacy Policies', and using prompt engineering to generate decisive responses from multiple LLM's, in order to test LLM processing capabilities.

**hackUMBC**, Baltimore, MD

Mar 2024 – Present

**Tech Team Lead & Software Engineer**

- Improved user retention by 50% by migrating <https://hackumbc.tech/> to Next.js and reworking front-end design using React, JavaScript, and Tailwind CSS.
- Streamlined user data collection by integrating a type form with AWS DynamoDB, and AWS S3, ensuring scalable and reliable service for over 500+ contestants.

## CERTIFICATIONS

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**AWS Certified Cloud Practitioner**

June 2024 – July 2024

**Issuer: Amazon Web Services**

- Demonstrated proficiency by passing the AWS Certified Cloud Practitioner exam, acquiring comprehensive knowledge of AWS Cloud 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)