

# Khushika Shah

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## EDUCATION

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### University of Maryland, Baltimore County

*Bachelor of Science in Computer Science and  
Financial Economics*

Expected Graduation Date: May 2025

*Catonsville, MD*

### Mt. Hebron High School

Sep 2018 – May 2022

*Ellicott City, MD*

## CERTIFICATIONS AND COURSES

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### Certifications

- The Complete 2024 Web Development Bootcamp (Udemy), CS50's Introduction to Cybersecurity (Harvard Edx), Discover AI (UMBC)

### Relevant Courses

- Operating Systems, Computer Architecture, Data Structures and Algorithms, Computer Assembly and Hardware, Discrete Structures, Object Oriented Programming, Linear Algebra, Statistics for Scientists and Engineers, Intermediate Microeconomics, Financial Management

## EXPERIENCE

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### Technical Intern

May 2024-Aug 2024

*Accuera LLC*

*Remote*

- Worked collaboratively with a four-member team to design and develop the company's time management and payroll software application
- Utilized Git for version control and used JavaScript, HTML, and CSS for front-end development

### Python Teaching Assistant

Aug 2023-June 2024

*UMBC*

*Catonsville, MD*

- Led discussions of 20 students and revolving around Python programming concepts
- Conducting office hours, grading assignments, and proctoring exams

### Assistant Manager

June 2023-present

*Kumon Inc.*

*Meadowridge, MD*

- Used Content Managing Software (CMS) to ensure accurate and timely data entries for students
- Managed center's day-to-day operations with upto 40 students at once
- Took orientations for enrollments and explained finances

## PROJECTS

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### MoneyMap | *Python, React*

- Developed app to manage and categorize expenses.
- Utilized Plaid API to link financial accounts and Auth0 for authentication.
- Creates pie charts and diagrams to show spending distribution.

### Cintas Corporation Financial Analysis | *Excel*

- Conducted in-depth financial analysis of Cintas Corporation, focusing on 2022 and 2023 financial data.
- Utilized data from Capital IQ, ensuring accurate financial calculations and interpretations based on advanced financial formulas.
- Performed DuPont analysis to assess company performance and returns.

### **Treasurer, Bollywood Fusion Dance Team**

June 2024-present

*Adaa*

- \* Oversee budgeting, expense tracking, and financial planning for a dance team of 24 members, ensuring transparency and accuracy in all financial transactions
- \* Organize and lead multiple fundraising initiatives to support team activities, travel, and competitions.

### **Affiliate, Center for Women in Technology (CWIT)**

August 2022-present

*CWIT*

- \* Mentored peers in Computer Science, enhancing their confidence in programming and career readiness.
- \* Organized workshops on navigating technical internships and career opportunities.

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## TECHNICAL AND LANGUAGE SKILLS

**Programming Languages:** Python, C/C++, R, SQL, Javascript, HTML/CSS

**Frameworks:** React, Node.js, Wordpress

**Finance Tools:** CapitalIQ, Microsoft Excel, PowerPoint, Power BI, Tableau

**Developer Tools:** VS Code, PyCharm, Clion, Matlab, Microsoft Office

**Libraries:** pandas, Matplotlib

**Languages:** Hindi (fluent), Gujarati (fluent), Urdu (fluent), Korean (conversational)