

# Blake Marterella

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## EDUCATION

### Virginia Tech

*Bachelor of Science: Computer Science*

Blacksburg, VA

August 2021 – May 2025

## RELEVANT EXPERIENCE

### Yext

*Software Engineering Intern*

May 2024 – August 2024

Washington D.C.

- Developed budget proposals, collaborating with the student government team to plan major school events.
- Organized and led fundraising events, **raising over \$5,000** for school activities and projects.
- Managed the student government budget, ensuring accurate tracking and allocation of funds.

### Docsnap

*Product Development Engineering Intern*

May 2023 – May 2024

Remote

- Competed in regional, state, and national-level math competitions(**NYCIML, NYCMTS**).
- Facilitated weekly study sessions to discuss high-level **Probability Theory, Geometry & Algebra**.
- Led a 26-member math team as captain, overseeing strategy development and competition preparation.

### Recursion Tech LLC

*Founder and CEO*

May 2023 – Present

Haymarket, VA

- Led the varsity swim team to its **inaugural section championship** through leadership and strategic planning.
- Mentored junior team members, providing guidance on proper techniques, race preparation, and sportsmanship.

### Stratizant

*Software Engineering Intern, Full-Stack Software Engineer*

August 2022 – January 2023

Remote

- Led the varsity swim team to its **inaugural section championship** through leadership and strategic planning.
- Mentored junior team members, providing guidance on proper techniques, race preparation, and sportsmanship.

## LEADERSHIP EXPERIENCE

### CS Careers @ VT

*Vice President*

January 2023 – Present

Blacksburg, VA

- **Co-founded startup** specializing in adjustable dipping containers, optimizing buffalo wing dining experience.
- Developed minimum viable product(MVP) capable of early-stage revenue generation.
- Received positive feedback from established brands like Buffalo Wild Wings for innovative sauce holder designs.
- Validated startup idea through market research and interview feedback as a part of Launch-X U-Michigan.

### Triangle Fraternity at Virginia Tech

*Founding Historian and Lead Developer*

June 2022 – August 2023

Blacksburg, VA

- Provided personalized tutoring sessions in algebra, calculus, and geometry to elementary & middle-school students
- Developed lesson plans for diverse learning styles, leading to improvements by **upwards of 1.5 letter grades**.

## CERTIFICATIONS

**AWS Cloud Practitioner**, Amazon Web Services

January 2022

**Database Specialist, C.S.C.**, Northern Virginia Community College

June 2021

## SKILLS & INTERESTS

**Skills:** Probability Theory, Web Design, Microsoft Excel, Microsoft Office

**Interests:** Photography, Creative Writing, Archery, New York Knicks