

# Blake Marterella

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## EDUCATION

### Virginia Tech

*Bachelor of Science: Computer Science*

Blacksburg, VA

*August 2021 – May 2025*

## 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

## RELEVANT EXPERIENCE

### Student Government

Sept. 2023 – Jun. 2024

*Treasurer*

*Brooklyn, NY*

- 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.

### Math Team

Sept. 2022 – Present

*Team Captain*

*Brooklyn, NY*

- 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.

### Varsity Swim Team

Sep. 2021 – June 2024

*Team Captain*

*Brooklyn, NY*

- 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.

## EXPERIENCE

### FlexiDip

June 2024 – Present

*Co-Founder*

*Ann Arbor, MI*

- **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.

### Private Math Tutor

Sept. 2021 – Present

*Team Captain*

*Brooklyn, NY*

- 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**.

## AWARDS

### Speedo Scholastic All-American

Aug. 2023 – Present

- National award given to student-athletes who achieve a **national time standard** while maintaining a 3.5+ GPA.

### National Junior Honor Society

June 2023 – Present

- Award presented to students with outstanding achievements in academics, leadership, and community service.

## CLASSES

**Courses:** AP Calulus BC, AP Chemistry, AP Physics, AP World History, AP U.S. History, AP Statistics, AP Literature

## SKILLS & INTERESTS

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

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