

# Anupama Barua

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📁 Anupama Barua: Online Portfolio | [Github](#)

## OBJECTIVE:

Seeking an internship in a STEM or Business management field for my senior capstone project.

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## EDUCATION:

**Northern Virginia Community College**  
Associate Degree in Computer Science

Expected graduation May, 2026  
Alexandria, VA

**Arlington Career Center**  
Advanced Studies Diploma

Expected graduation June, 2026  
Arlington, VA

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## RELATED EXPERIENCE:

Emergency Medical Tech 1 & 2

- Basic Vital signs
- BLS CPR and AED certified

Dual Enrolled Computer Programming intensified

- Various Projects implementing C++
- Developed a C++ BigInt library using Test-Driven Development to handle integers without a limit.
- Learned Discrete Mathematics

Dual Enrolled Web Design & Multimedia

- Developed multiple different websites and webpages using HTML, CSS, and Javascript

Dual Enrolled Computer Programming

- Developed a deeper understanding of Python
- Developed knowledge on how to make a website with Django

AP Computer Science Principles

- Created a wordsearch using Python for the Create Performance Task

Introduction to Engineering

- Learned how to use CAD
  - Built a hydroponic and had a year long project with our math and biology class
  - Built a mousetrap car
  - Built a foosball table using CAD and carpentry skills
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## WORK EXPERIENCE:

**Design Team,**

March 2024 – Present

NOVA Web Development,

Arlington, VA

- Worker-owned tech co-op offering human-centered, open-source web development for nonprofits, communities, and local businesses.
- Design and build professional websites for customers and create custom visuals and illustrations for using Inkscape
- Developed websites using HTML, CSS, and JavaScript to deliver engaging and functional web experiences.

**Instructor,**

October 2023 – Present

Boolean Girl,

Arlington, VA

- Worked with kids ages 6-13 teaching them how to code with the program scratch
- Fostered a learning environment, delivering engaging and interactive lessons

- Set up and cleaned up for the summer camps and clubhouses

**Babysitter,**

Self employed,

January 2022 - Present

Arlington, VA

- Cared for kids newborn to 10 years old
- Prepared simple meals and snacks and completed simple household task such as tidying up and dishes

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**VOLUNTEER EXPERIENCE:**

- |   |                                     |
|---|-------------------------------------|
| ● Arlington Food Assistance Center (AFAC) | December 2024 – Present: 1.25 Hours |
| ● National Honors Society                 | December 2024 - Present: 5.5 Hour   |
| ● Kits for Kids                           | October 2024 - Present: 14 Hours    |
| ● Dance Committee                         | October 2023 - Present: 25 Hours    |
| ● Park Clean Ups                          | September 2023 - Present: 10 Hours  |
| ● Arlington Summer Camps                  | July - August 2023: 40 Hours        |
| ● Culture Night                           | March 2023: 3 Hours                 |
| ● STEM with elementary schoolers          | January 2023: 4 Hours               |

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**EXTRA-CURRICULAR ACTIVITIES:**

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|--|----------------------------|
| ● Unicef Chapter, President and Co Founder | December 2024 – Present    |
| ● National Honor Society, Member           | November 2024 - Present    |
| ● Kits for Kids, Social Media Manager      | October 2024 - Present     |
| ● Django Girls, Member                     | September 2024 - Present   |
| ● Track and Field, Athlete                 | November 2023 - May 2024   |
| ● Dance Committee, Logistics committee     | October 2023 - Present     |
| ● Environmental Club, Member               | September 2023 - Present   |
| ● STEM for Girls, Member                   | August 2023 - Present      |
| ● Community Service Club, Member           | November 2022 - Present    |
| ● Student Government, Outreach Officer     | September 2022 - June 2023 |

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**TECHNICAL SKILLS:**

- HTML and CSS - Proficient
- Python - Beginner
- C++ - Beginner
- Inkscape - Beginner

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**SKILLS:**

- Active Listener
- Problem Solver
- Time Management

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**LANGUAGES:**

- Bengali - Proficient
- English - Fluent

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**CERTIFICATIONS:**

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| ● BLS CPR and AED Certification     | December 2024 |
| ● Workplace Readiness Certification | February 2023 |

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**ACHIEVEMENTS:**

- PyCon Conference - Presented in the Education Summit May 2025
- Summer Bridge Program IET/Cybersecurity August 2024
- Best Life Fair Winner May 2024
- Arlington Student Film Fest Official Selection April 2024
- SkillsUSA SFX District 5 Bronze Winner April 2024