

# Elizabeth Perez

[lizziejperez@gmail.com](mailto:lizziejperez@gmail.com) | [www.linkedin.com/in/elizabeth-j-perez](https://www.linkedin.com/in/elizabeth-j-perez)

## EDUCATION

**University of Maryland** – College Park, MD May 2024  
Bachelor of Science, Computer Science GPA: 3.5

**Montgomery College** – Rockville, MD May 2022  
Associate of Arts, Computer Science GPA: 3.7  
Associate of Science, Computer Gaming and Simulation

**Relevant Coursework:** ([Computer Science](#)) Intro to Computer Systems, Algorithms, Organization of Programming Languages, Advanced Data Structures, Technical Writing, Computer & Network Security, Web App Dev, Intro to AI, Game Programming, Programming Handheld Systems, ([Statistics](#)) Sampling Theory, Linear Optimization, Intro to Statistical Computing w/ SAS

## TECHNICAL SKILLS

**Programming Languages:** ([Expert](#)) C, JavaScript, HTML, CSS, ([Proficient](#)) C#, Java, Python, ([Intermediate](#)) Kotlin, R, SAS

**Operating Systems:** Microsoft Windows, Linux Ubuntu, Mac OS

**Microsoft Office:** Word, Excel, Power Point, One Note

**Game Dev:** Unity, Maya

**Multimedia Editing:** Adobe Premiere Pro, Adobe Animate, Logic Pro X

## EXPERIENCE

**MC-NIST Internship** January 2021 – August 2021

*National Institute of Standards and Technology, Materials Measurement Laboratory, Material Science and Engineering Division, Polymers Processing Group* MD (Remote)

- Developed an app interface for an autonomous measurement robot, designed to help formulate complex mixtures for household products
- Utilized JavaScript, HTML, CSS, and Python for development
- Worked under the guidance of a NIST research advisor through weekly meetings

**MCC Camp Assistant Instructor**

Summers (June – August) 2022 – 2025

*Montgomery College, Montgomery Can Code, Summer Coding Camp*

MD (Hybrid)

- Taught 252 students, grades 6-8, to code in Swift with Swift Playgrounds
- Guided students to design an app to solve a real problem for a Montgomery County nonprofit organization and to create their own app prototypes
- Assisted students with any technical issues regarding login or the MCPS iPads

**STEM/Coding After-School Instructor and Tech Associate**

May 2025 – Present

*CodeAdvantage LLC*

DC/MD/VA (On-site)

- Teach project-based STEM and coding classes for elementary and middle school students (Minecraft Code, LEGO Robotics, D&D Coding & Storytelling)
- Handle technical setup and troubleshooting, including software installs, updates, device configuration, and system prep
- Manage pickup, delivery, and inventory of laptops, LEGO kits, and class materials
- Provide on-site support and maintain professional communication with schools, parents, and staff

## RELEVANT PROJECTS

**Portfolio Website:**  
<https://lizziejperez.github.io/>

**GitHub Repos:**  
<https://github.com/lizziejperez>

**Unity Games:**  
<https://lizziejperez.itch.io/>