

Elizabeth Perez

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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 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

STEM Learning Assistant August 2021 – December 2021
Montgomery College, Computer Science I Remote

- Supported 25 students in study and review sessions
- Presented two chapters of Computer Science I class material
- Helped the students install and use Eclipse and Java
- Completed pedagogy training to learn how promote active learning and professionally communicate with students

MCC Camp Assistant Instructor June – August 2022, 2023, 2024
Montgomery College, Montgomery Can Code, Summer Coding Camp In-Person & Remote

- Taught 202 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

RELEVANT PROJECTS

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

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

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