

Elizabeth Perez

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EDUCATION

University of Maryland – College Park, MD Expected May 2024
Bachelor of Science, Computer Science

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

TECHNICAL SKILLS

Programming Languages: Java, C, Python, HTML, CSS

Software: Linux, Unity, Maya, Adobe Premiere Pro, Logic Pro X, Adobe Animate, WordPress

EXPERIENCE

Montgomery Can Code June 2022 – August 2022
Teacher Assistant Remote

- Taught around 70 campers, grades 6-8, throughout five 5-day camp sessions to code with Swift Playgrounds
- Guided campers to design an app to solve a real problem for a Montgomery County nonprofit organization
- Assisted campers to develop an interactive app prototype with Google Slides

Montgomery College August 2021 – December 2021
STEM Learning Assistant Remote

- Supported about 25 Computer Science I students by holding two 1-hour open study sessions each week, holding one 1-hour open review session before each exam, and addressing questions the students directed to me
- Assisted 4 students who needed help with setting up their device with Eclipse and Java
- Managed a class Discord server for the students to easily communicate with me and each other
- Presented two chapters of Computer Science I material during two separate class lectures
- Participated in and completed pedagogy training to learn how to professionally communicate with students as a learning assistant and promote active learning

National Institute of Standards and Technology January 2021 – August 2021
Intern Remote

- Developed a web-app interface for an autonomous measurement robot that unifies the control and status output for multiple instrument-control servers to allow researchers to focus on the science rather than on coding in everything the robot should do to run the experiments
- Implemented the web-app interface with Python, JavaScript, HTML, and CSS
- Participated in weekly meetings with my research advisor to share my progress with the web-app's development, receive suggestions and feedback, and ask questions

Temple University, Ginsburg Health Sciences Library February 2019 – December 2019
Student Library Assistant Philadelphia, PA

- Provided IT customer service to library patrons, such as assistance with connecting to the internet and using the library's printers and computers
- Proactively monitored 4 printers and when needed re-filled their paper and re-stocked their toner
- Updated multiple software for over 100 loaner laptops