

Rebekah E. Newby

EDUCATION

Associate's of Arts : Computer Science

May 2023

Montgomery College

Bachelor's of Science : Computer Science

Anticipated: Fall 2025

University of Maryland, Global Campus

WORK EXPERIENCE

Tech Associate

August 2020 - April 2021

Target

Hyattsville, MD

- Greet guests in the electronics department and assist with consumer electronics purchases.
- Conduct up to one hundred transactions per shift in the electronics department.
- Work with the Asset Protection department during stocking of highly sought after electronics including the launch of the Sony Playstation 5 and Xbox Series X/S.
- Answer the store phone and assist guests with inquiries regarding electronics.

Programming Intern

January 2018 - August 2018

National Institute of Standards and Technology

Gaithersburg, MD

- Programmed python scripts for the Interatomic Potentials Repository (IPR) project. .
- Assisted in automating the system and adding new Potentials to the IPR website.
- Generated web pages using XML and XSL transformations.

Tutor

January 2017 - December 2017

Montgomery College

Rockville, MD

- Assisted with debugging and resolving problems with programming projects for computer science students.
- Collaborated once a week with a group of other tutors to assist students in the computer science lab.

Web Developer

August 2015 - December 2015

Virginia Commonwealth University

Richmond, VA

- Developed a website for PHDFindy, a tool that aides graduate degree candidates with finding work and research opportunities.
- Managed weekly tasks as a team leader.

UI Design Intern

June 2015 - August 2015

American Chemical Society

Washington, DC

- Helped design content for the American Chemical Society website.
- Participated in daily scrum meetings.
- Worked on internal design projects for other departments.

PROJECTS

NASA Swarmathon Virtual Competition

January 2017 - May 2017

National Aeronautics and Space Administration

- Competed with a team of computer science and engineering students in NASA's Swarmathon virtual competition.
- Utilized Linux, Robot Operating System environment, and C++
- Travelled to Kennedy Space Center and came in first place.

SKILLS

Languages

Python, Java, C, C++, HTML, CSS, JavaScript

Other

Github, Microsoft Office 365, Microsoft Windows XP - 11, Mac OS X+ - Mac OS Sonoma