R.Newby

EDUCATION

Associate's of Arts : Computer Science   **May 2023**
Montgomery College
GPA: 3.21/4.0

Bachelor's of Science : Computer Science   **Anticipated: Fall 2025**
University of Maryland, Global Campus
GPA: 4.0/4.0

WORK EXPERIENCE

Tech Associate   **August 2020 - April 2021**
Target   *Hyattsville, MD*

- Welcomed and aided customers in the electronics department with their consumer electronics purchases.
- Supported customers with technical inquiries regarding their electronics, including but not limited to PC, television, and gaming console purchases.
- Handled up to one hundred transactions per shift within the electronics department.
- Worked closely and communicated effectively with the Asset Protection department during the stocking of popular electronics, such as the Sony Playstation 5 and Xbox Series X/S launches.
- Configured smartphones for guests on the Consumer Cellular network.
- Provided support to elderly guests with diverse technological requirements, including guidance for first-time cellphone users.

Programming Intern   **January 2018 - August 2018**
National Institute of Standards and Technology   *Gaithersburg, MD*

- Developed Python scripts as a component of the Inter-atomic Potentials Repository (IPR) project, contributing to its overall functionality and effectiveness.
- Played a pivotal role in automating system processes and integrating new Potentials seamlessly into the IPR website, enhancing its functionality and user experience.
- Crafted dynamic web pages through the utilization of XML and XSL transformations, ensuring an enhanced and efficient presentation of data and content.

Tutor   **January 2017 - December 2017**
Montgomery College   *Rockville, MD*

- Provided invaluable support in debugging and troubleshooting programming projects for computer science students, aiding in the resolution of complex issues and fostering their growth and understanding in the field of programming.
- Participated in weekly collaborative sessions with a team of tutors to provide comprehensive support to students in the computer science lab, fostering a conducive learning environment and facilitating their academic success.

Web Developer   **August 2015 - December 2015**
Virginia Commonwealth University   *Richmond, VA*

- Played an early role in the development of a cutting-edge website for PHDFindy, a revolutionary tool designed to assist graduate degree candidates in discovering employment and research prospects, thereby empowering them to navigate their academic and professional journey with confidence and ease.
- Coordinated weekly tasks with a proactive approach as a team leader, ensuring seamless execution and maximizing team productivity and efficiency.

UI Design Intern   **June 2015 - August 2015**
American Chemical Society   *Washington, DC*

- Designed content for internal projects catering to diverse departments within the organization, demonstrating versatility and proficiency in addressing specific departmental needs and enhancing overall operational efficiency.
- Designed content for the American Chemical Society website.

PROJECTS

NASA Swarmathon Virtual Competition   **January 2017 - May 2017**
National Aeronautics and Space Administration

- Participated alongside a team of computer science and engineering students in NASA's Swarmathon virtual competition, showcasing collaborative problem-solving skills and technical expertise in a competitive environment.
- Utilized Linux, Robot Operating System environment, and C++.
- Traveled to the Kennedy Space Center and achieved first place, demonstrating outstanding performance and excellence in the competition.

SKILLS

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

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