

Diana L. Manzanes

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EDUCATION

Washington State University, Richland, WA August 2024 - Present

Bachelor of Science in Computer Science

Columbia Basin College, Pasco, WA September 2023 - Present
Associate in Arts and Sciences GPA: 3.7

EXPERIENCE

Pacific Northwest National Laboratory | Richland, WA June 2024 - July 2024

Summer CORE (Chemistry Opportunities for Research Experiences) Intern

- Developed a possible solution on affordable and energy sustainable housing in the Columbia Basin by researching the implementation of home automation systems and housing materials using the scientific process
- Collected and compiled data in python to show the comparison of traditional and energy sustainable wall materials through graphs
- Presented a policy brief in front of PNNL staff and fellow program interns
- Worked alongside PNNL scientists to learn about catalyst science, data science, and chemistry

Skills: Scientific Process · Presentation Skills · Academic Research

WinCo Foods | Kennewick, WA June 2021 - August 2021

Pizza Clerk

- Utilized customer service skills on a minute-to-minute basis to establish customer satisfaction
- Collaborated with a team to provide kitchen maintenance and food prep to present a preferable work state
- Maintained personal knowledge of store's product specifications and practices

Skills: Public Speaking · Conflict Resolution · Team Collaboration

PROJECTS

NASA Community College Aerospace Scholars (NCAS) | Mission 1 August 2024 - Present

Researcher

- Conducted weekly research on NASA Directorates and compiled information to create an infographic

Habitability Payload March 2022 - May 2022

Circuit Assembler and Instrumentation Designer

- Delegated tasks in a team to construct, test, and calibrate a payload that measured at altitudes from the ground to the upper stratosphere; determined that habitability was possible for algae
- Responsible for design and construction of circuit by finalizing what parts would be needed and the total cost
- Prepped the payload for soldering by assembling parts on the circuit board

Skills

- Adaptability
- Works well under pressure
- Willingness to learn

Software: SolidWorks, AutoCAD, Adobe Photoshop, Adobe InDesign, Adobe Illustration

Programming: Java, HTML & CSS