

Samantha Synk

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Summary of Qualifications

- 3+ years of experience in customer service, working with diverse populations, demonstrating strong communication and interpersonal skills, and teamwork abilities.
- 4+ years of experience collaborating in engineering teams, applying engineering procedures, and demonstrating strong skills to address complex challenges.
- 4+ years of MATLAB (data analysis, scripting, parametric studies) and SOILDWORKS (parts/assemblies, drawings, basic FEA)
- Strong academic foundation in mechanical engineering, complemented by a creative perspective through a minor in studio arts.

Education

Northern Arizona University, Flagstaff, AZ August 2021 - December 2025 Bachelor of Science in Mechanical Engineering with a minor in Studio Arts

- GPA 3.17 | 2021 - Present

Work Experience

Assisted Living by Sholt, Chandler, AZ June 2022 – August 2025

- Provided care to residents, ensuring their safety, comfort, and well-being in a fast-paced environment.
- Maintained and repaired basic medical equipment, assisting with technical troubleshooting to ensure functionality.
- Improved operational efficiency by organizing inventory and maintaining a well-stocked and clean facility.
- Demonstrated problem solving skills by responding to emergency situations and resolving resident concerns in a timely manner.
- Strengthening communication and interpersonal skills by interacting daily with residents, families, and staff.

Capstone Project – SRP EVAP (NAU + Salt River Project)

- Leading a senior design team in developing an experimental apparatus to study evaporation reduction in Arizona canals.
- Managing project logistics including documentation, scheduling, and alignment with Salt River Project (SRP) objectives.
- Planning and facilitating weekly team/client meetings by creating agendas, assigning action items, and ensuring accountability to deadlines.

Interest

Sustainable Business, Architecture/Design, Traveling Globally to Develop a Better Cultural Understanding, Renewable Energy, Team Collaboration, Leadership and Management