

Sergio Arath Zuñiga

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Summary of Qualifications

- 4+ years of experience in customer service, working with diverse populations, demonstrating cultural competency, strong interpersonal and communication skills
- Bilingual in both English and Spanish in proficient written and spoken skills
- 1+ years of experience in research, investigated the use of an ankle powered exoskeleton in a real world hike setting through NAU's biomech lab
- Part of NAU's Collegiate Wind Competition team, where the aim is to design and manufacture a small scale wind turbine

Education

Northern Arizona University, Flagstaff, AZ

Expected May 2024

Bachelor of Science in Mechanical Engineering

- GPA: 3.87 | Dean's List (Fall 2020 - Present) | Lumberjack Scholarship

Work Experience

NAU's Biomechatronics Lab, Flagstaff, AZ

June 2022 - Present

Undergraduate Research Assistant

- Collaborated with peers in different disciplines (biomedical, engineering, computer science)
- Investigated exoskeleton use in a real world hiking application with a postdoc, learning research and data processing skills
- Designed different parts to be used in exoskeleton systems used in the labs research, solidifying 3D modeling and printing skills, and acquiring machining skills
- Assisted in different studies with grad students and postdocs revolving around the use of exoskeletons in cerebral palsy rehabilitation

Safeway, Flagstaff, AZ

April 2020 - Present

Courtesy Clerk/Cashier

- Collaborated with 2-3 coworkers by communicating with each other to ensure smooth work operations and a clean and safe work environment, showcasing strong teamwork ability
- Assisted 50+ diverse customers on a daily basis in order transactions, answering any questions, and helping carry groceries if needed, ensuring customer satisfaction and demonstrating exceptional interpersonal and communication skills

Campus Engagement

Skate Club, NAU, Flagstaff, AZ

August 2022 - Present

Event Coordinator

- Event planning skills demonstrated through organizing and operating 10 + different events on campus, with 50 + students showing up at each event
- Participated weekly meetings where event planning, use of fundings, and objectives and efforts towards future goal are mainly discussed, ensuring proper steps are being taken to achieve the ultimate goal to build an on-campus skate park
- Collaborated with different clubs such as K-Jack radio, NAU Council of Indigenous Ambassadors, NAU Fashion Club, NAU Art Club, etc., through meetings, material and funding preparation and co-hosting the events, showcasing strong outreach and leadership skills

Jazz Band II, NAU, Flagstaff, AZ

August 2020 - December 2020

Member