

Thomas Filippini

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Mechanical Engineering

Problem-solving | Engineering | Design Understanding

I have a deep understanding of the manufacturing process and what it takes to produce a reliable and functional design that can be replicated. Design understanding is my strong suit, I have the experience in the machine shop to be able to replicate and produce the ideas of my design back by achieving best design in a Gore-Tex competition against other mechanical engineers in my class. Being proficient in CAD design has helped me understand mechanical engineering better and deepened my knowledge in all areas.

WORK EXPERIENCE

Northern Arizona University - Flagstaff, Arizona

May 23 - August 23

Summer Housing Assistant

Summer responsibilities included a high-level of customer service, front desk staffing, building preparation, check-in/check-out of individuals and groups, occupancy transitions, room turnover and cleaning, programming/activities, regular meetings, and on-call responsibilities. I also managed and planned events over the summer months for student who still lived on campus.

Northern Arizona University - Flagstaff, Arizona

August 23-December 23

Community Assistant

My main responsibility was connecting with 38 residents on average in a designated floor or area of a campus living community. I managed the handling of keys to rooms, logged packages, planned community events and mediated in student conflicts. Attended weekly staff meeting where professional developed activities were conducted.

EDUCATION

Northern Arizona University - Flagstaff, Arizona

Bachelors of Engineering – Mechanical, December 2023

PROFESSIONAL SKILLS

- Proficient in Computer Aided Design (Solid Work and CAD)
- Mastery in Microsoft Office (Word, Excel, PowerPoint) and Google Suite (Docs, Sheets, Slides)

VOLUNTEER EXPERIENCE

BABR Boys and Girls Camp - Gallup, New Mexico

[April 2016]

[Youth Mentoring Camp]

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- Responsible for camper safety.
- Helped run and operate the camp grounds to ensure a presentable environment

AWARDS AND HONORS

Best Design - *Flagstaff, Arizona*

March 2018

- Gore-Tex design competition
- Competed against entire first year engineering class

LANGUAGE COMPETENCIES

- English: Native
- Spanish: basic (speaking, reading, writing)