

DAISY LIGUORI

Undergraduate Mechanical Engineering Student

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Work Experience

- **Northern Arizona University, Flagstaff, AZ**
Community Development Assistant
August 2018 – present
As a community development assistant, I work on a team to assist a variety of student leaders at NAU in addressing trends within on-campus communities, as well as provide resources for inclusive, educational programming efforts.
- **Salt River Project, Tempe, AZ**
College Intern in SCADA Department
May 2018 – August 2018
As a college intern, I used various programs such as Archestra IDE, InTouch, and Inkscape as well as hands-on electrical work to complete projects that assisted our department in delivering water to the Phoenix metropolitan area.
- **Northern Arizona University, Flagstaff, AZ**
Community Mentor for Engineering Students
March 2017 – May 2018
As a community mentor, I assisted freshman students transition to college by connecting students to faculty and exploring engineering majors through weekly programs.

Education

- **Northern Arizona University, Flagstaff, AZ**
Expected Graduation Date: December 2019 | GPA: 3.4
Awards: Lumberjack Scholars Award 2015 – 2019, Dean's List 2016 - 2018
Relevant coursework: SolidWorks, MATLAB, Engineering Design, Thermodynamics, Renewable Energy
- **Apache Junction High School, Apache Junction, AZ**
Graduated May 2015 | GPA: 4.0
Graduated in the top 2% of my class

Research

- **Senior Capstone Project – Low-Speed Wind Tunnels**
August 2018 – present
For my senior capstone project, my team is researching the design of low-speed wind tunnels for possible implementation at NAU for the mechanical engineering department.
https://www.cefns.nau.edu/capstone/projects/ME/2019/19S1_WindTunnel/index.html
- **HVAC Efficiency at NAU**
January 2018 – May 2018
I worked with a group of students to analyze energy consumption data at NAU, specifically energy consumption regarding heating and cooling needs for every building on campus, to identify opportunities for energy efficiency improvement.
<http://news.nau.edu/student-energy-efficiency-projects/#.XIf-BhNKhao>