

Lauren Larrieu

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Education

Northern Arizona University – Started Fall 2018

Major: Bachelor of Science in Electrical Engineering

Minors: Physics, Astronomy, and Music

Flagstaff Arts and Leadership Academy – Fall 2014 to Spring 2018

Research Experience

- NAU Community-University Public Inquiry Dark Skies Coalition Pod – Spring 2021
 - Graduate Facilitator: Kate Hanley
 - Worked on a virtual team to do research on public opinion survey techniques and public opinion on light pollution and Dark Sky conducive lighting alternatives.
 - Collaborated with a virtual team to create a survey to measure public opinion on outdoor lighting and how opinions change after exposure to education material on light pollution.

Skills

Technical Skills:

- Proficient with Microsoft Word, and the Google Office Suite
- 1 semester of experience with SolidWorks, Multisim, Quartus Prime, and ModelSim Altera
- Familiar with MATLAB and C

Work Experience and Extracurriculars

Workforce Development Experience

- NASA Lucy Student Pipeline Accelerator and Competency Enabler (“L’SPACE”) Mission Concept Academy(Spring 2020), and NASA Proposal Writing and Evaluation Experience(Summer 2020)
 - Gained NASA mission development skills training.
 - Worked virtually with other students on a mission related design Project.
 - Created a preliminary design review as the final deliverable for the design project.

Community Involvement

- Volunteer at Lowell Observatory | July 2019 - present
 - Guided Nighttime guests through constellation tours and trained to be a laser pointer operator.
 - Gave talks at the Pluto Dome open house.
- Vice President for the NAU chapter of the Society of Women in Space Exploration | September 2020 – present
 - Assist the club president organize club activities.

Awards and Honors

- President's Resident Scholarship
 - \$7,000 per academic year for 4 years.
 - Freshman merit scholarship. Must maintain full time enrollment and a 3.0/4.0 GPA.
- Willis Family Scholar
 - \$3,840.75 for 1 academic year.
- Dean's List - Fall 2018, and Spring 2019, 2020
 - Maintain GPA of 3.5/4.0 or higher.
- TBII Engineering Honor Society – inducted Spring 2021
 - Academic performance in top 1/8 of class in junior year or top 1/5 in senior year in undergraduate.
 - Further consideration on breadth of interests as well as personal integrity are also considered in the selection process.