Kayla Clements

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Education

May 2019

Bachelor of Science in Nuclear Engineering

University of Florida
- GPA: 3.64/4.00
- Minor: French and Francophone Studies
- Alan Jackson Memorial Scholarship Recipient

Work Experience

Research Assistant   April 2017 - Present

University of Florida, Nuclear Engineering Department
- Studied effects of terrain and surrounding developed areas on the atmospheric dispersion of Argon-41 leaving the UFTR
- Used MCNP and MATLAB to create 3D model of plume

Audio and Video Technician   August 2017 - December 2017

University of Florida EDGE Distance Learning
- Operated audio and video equipment to record lectures for undergraduate and graduate courses

Involvement

Finance Director and Women in Engineering Panel Director   September 2016 - Present

American Nuclear Society UF National Conference Team
- Create and maintain monetary records for a proposed budget of approximately $200,000 and work with committee members to allocate funds
- Communicate and maintain relationships with organizations who contribute monetarily to the conference and panelists for a Women in Nuclear panel

Benton Engineering Council Representative   August 2017 - Present

Theta Tau Professional Engineering Fraternity
- Promote Theta Tau's campus involvement by organizing and participating in events through the College of Engineering and campus as a whole
- Act as a liaison between Theta Tau and the Benton Engineering Council, the executive and legislative coordinating body for students and organizations in the College of Engineering

Habitat for Humanity Volunteer   May 2016 - December 2016

Greater Miami Habitat for Humanity; UF Habitat for Humanity
- Collaborated with fellow volunteers to develop neighborhoods for families in need by building and improving homes and landscapes

Skills and Relevant Coursework

- Fluid Mechanics, Radiation Interactions and Sources, Nuclear Engineering Analysis
- Programming Languages: MATLAB, C++, basic MCNP
- Customer/client relations
- Effective verbal and written communication
- Team leadership
- Conversational Spanish and French