

# Andriana Detsis

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## EDUCATION

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### Bachelor of Science in Mechanical Engineering

Expected May 2025

*Minor:* Statistics

University of Florida, Gainesville, FL

GPA: 3.43/4.0

**Relevant Coursework:** Engineering Design and Society, Statics, Mechanics of Materials, Design & Manufacturing Laboratory, Computer Programming: MATLAB, Numerical Methods, Artificial Intelligence Fundamentals, Professional Communication, Introduction to Electrical Engineering, Fluids Mechanics, Dynamics, Innovation, Engineering Statistics

## LEADERSHIP AND EXPERIENCE

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### Cobra Design & Engineering

*Design Engineering Intern*

May 2023 – August 2023

- Model electrical packaging components for military contractors utilizing SolidWorks; draft drawings
- Collaborate with 3 other team members and executives to plan, design, and assemble military components such as radio frequency antenna systems and transmission pods for drones
- Manage Excel spreadsheets accounting for quantities, costs, and assembly of components

### Society of Women Engineers

*Sustainability Chair*

May 2023 – Present

- Coordinate workshops, seminars, and informational sessions regarding sustainability practices within the workplace and student life; created new chair position

*On-Campus Outreach Chair*

May 2022 – May 2023

- Organize events and volunteer opportunities with local Girl Scouts, elementary, middle, and high schools to promote engineering and STEM fields through hands-on workshops, creative building, and prototyping

*STEAM Team Design Sub-Team Lead & Member*

October 2021 – May 2023

- Facilitated solid modeling and 3D-printing as Sub-team Lead for the 2022-23 academic year (CADE Museum)
- Communicated with teams to design and build scenic project promoting engineering among grade school students
- Worked with a sub-team to design a mobile wheel to be attached to a project benefitting the CADE Museum

### Engineers Without Borders: Peru

*Design Sub-team Member*

August 2023 – Present

- Help design agricultural water retention wall to support 65+ families in Maras, Peru

*Public Relations Sub-team Member*

October 2022 – May 2023

- Contribute to newsletters, fundraising, and engagement outside of the organization through social media posts relating project information, fundraising efforts, and member spotlights

### Freshman Leadership Engineering Group

*Diversity, Equity & Inclusion Chair*

May 2022 – April 2023

- Support 40+ freshman engineers to promote inclusivity via presentations, workshops, and weekly office hours
- Ensure the program maintains a sense of diversity and open communication among members by distributing feedback surveys, having open discussions, and creating questions and conducting new member interviews

*Outreach Committee Ambassador*

September 2021 – April 2022

- Collaborated with committee members to host 2 service events each semester benefitting greater Gainesville community; raised \$300+ for Shands Hospital, \$500+ for Haile's Angels Pet Rescue

### University of Florida Department of Housing & Residence Life

August 2022 - Present

*Resident Assistant*

- Collaborate with other Resident Assistants to plan two events a month fostering values such as community engagement and multicultural belonging
- Act as the liaison between Housing and residents, relay community guidelines and standards, support 40 residents daily regarding academics, extracurricular activities, mental health, and general wellness

## SKILLS

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**Technical:** Certified SolidWorks Associate, Adobe Photoshop and InDesign, MATLAB, Microsoft (MOS) Bundle: Word, Excel, PowerPoint, R (Learning)

**Languages:** Greek (Advanced), Spanish (Intermediate)