

# KELLEN REILLY

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## EDUCATION

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**University of Florida - Honors Program**, Bachelor of Science in Biomedical Engineering May 2025  
GPA: 3.65/4.00

**Technical Skills:** Proficient in Java,  $\LaTeX$ , Matlab, SolidWorks, Blender, Onshape, Arduino, ImageJ

## PROFESSIONAL EXPERIENCE

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**Engineering Good**, *Development Team Lead* May 2023 - July 2023

- Completed an 8-week internship in Singapore for a non-profit company.
- Utilized Onshape, 3D printing, and circuitry design to develop a functional assistive camera device for individuals with muscular dystrophy.
- Responsible for reporting daily development updates to the project manager on behalf of the team.

## ACADEMIC EXPERIENCE

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**Dr. Judy Research Lab**, *Research Assistant* September 2023-Present

- Developing a high-channel density implantable connector aimed at treating neurological diseases.
- Responsible for quantifying channel isolation of the connector by measuring the electrical impedance spectroscopy through the use of a potentiostat.

**Generational Relief in Prosthetics (GRiP)**, *Assistant Project Designer* August 2022 - May 2023

- Measured, designed, and produced a prosthetic arm for a local child in Gainesville.
- Utilized Blender and 3D printing to construct the arm.

**Dream Team Engineering**, *Shadowing Member, Biofluid Analyzer Designer* January 2023 - Present

- Participate in biweekly workshops on Python, SolidWorks, and professional development. Rotate frequently through four engineering design teams.
- Developing a bio-fluid analyzer and paired app that will display the volume and contents of a patient's urine to improve nurses' efficiency in hospitals.

## EXTRACURRICULARS

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**UF Club Lacrosse**, *Defenseman, Community Service Director* August 2021 - Present

- Currently practicing and playing for 15+ hours/week as part of the University of Florida club Lacrosse team.
- Responsible for ensuring the team completes the community service requirements in order to receive full funding from the university.

**Gainesville High School Lacrosse**, *Defensive Coordinator* Spring 2023 - Present

- Implement new defensive schemes centered around optimizing players' strengths in order for maximal defensive efficiency.
- Hold social events, bonding activities, and work to build sportsmanship, competitiveness, and camaraderie.

**The Big Event**, *Assistant Director of Operations* November 2022 - May 2023

- Student run city-wide service project day consisting of multiple 3-4 hour service projects throughout Gainesville.

## AWARDS

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- Awarded the Sunset Park Area Homeowner Association's Scholarship
- Received the Bright Futures Academic Scholar Award.
- Graduated from H.B. Plant High School in 2021 ranked 4/607