

Jack Benn

Seeking internship (summer 2025)

Minneola, Florida | (321) 246-5596 | Jackbenn@ufl.edu

Education

University of Florida, Gainesville, FL

January 2024 – Graduating Spring 2026

Junior, Bachelor of Science in Electrical Engineering

Relevant coursework: Microprocessors, Electronic Circuits 1, Digital Logic Design, Signals and Systems, Circuits 2.

GPA: 4.0

Florida Polytechnic University, Lakeland, FL

Jan 2023 – Dec 2023

Pursued Bachelor of Science in Electrical Engineering, Transferred to University of Florida.

GPA: 4.0

Lake-Sumter State College, Leesburg, FL

Aug 2021 – Dec 2023

Graduated with Associate of Arts, Summa Cum Laude.

GPA: 4.0

Related Experience

TA, Digital Logic Design, University of Florida Gainesville, FL

Aug 2024 – Present

Teaching Assistant

- Debugged hardware and software issues in student labs. Taught formal logic and MSI component concepts.

Research Assistant, Florida Polytechnic University, Lakeland, FL

Sep 2023 – Dec 2023

Undergraduate Research Assistant

- Analyzed data from senior capstone course at UT Austin with over 2000 data points measuring psychological safety.
- Cross referenced several journal papers to select statistical methods.

Design Internship, Nathan Blake Industries, Orlando, FL

May 2021 – Dec 2022

Mechanical Engineering Intern

- Modeled using SolidWorks, optimized tool pathing to reduce material waste and improve machining time.
- Wrote manufacturing instructions and produced shop drawings for machine components.
- Created tapping machine shop drawings. Designed artificial turf mound installations for over 20 construction projects including at Legoland.

Projects and Activities

Pool PH monitor

Jan 2024 – Apr 2024

- Project was selected for student work showcase at department conference during summer 2024.
- Wrote a Moore machine in C to create user interface and take measurements.
- Collaborated with a mechanical engineering student to successfully integrate electronics into the body of the device.

First Tech Challenge

Aug 2016 – Feb 2019

- Captain of Team 12917, Error 404 for 2 years.
- Led a team of 15 students, coordinated and directed hardware and programming teams.
- Discovered my love for engineering and learned some programming and CAD along the way.

Additional Experience

Axum Coffee, Winter Garden, FL

Apr 2020 – Dec 2023

Shift Lead, Barista

- Managed farmers market operations, generating \$35,000 in annual revenue and managed 1000s of dollars in cash.
- Performed margin and waste analysis, per my work an underperforming product was cut saving \$40 per week.
- Performed kegerator maintenance, rebuilt nitrogen regulators and performed light plumbing work.

Skills

- LTSpice, Debugging, C, C++, MATLAB, Assembly Programming, AVR microcontrollers, SolidWorks, AutoCAD, Serial communication, Quartus, Python, Technical Documentation Writing.