

2026 - 2027



IEEE UCF STUDENT BRANCH

SPONSORSHIP PACKET



WHO WE ARE

The IEEE UCF Student Branch is one of the largest and most active IEEE student chapters in the nation, with over 300 members and a year-round calendar of projects, workshops, professional development, and social events. UCF is one of the nation's largest producers of engineering talent, and our members set themselves apart through what they do beyond the curriculum.

300+

Active Members, one of the largest IEEE branches nationally

1ST PLACE

SoutheastCon 2025 Design Competition

TOP 50

Public-schools for engineering

10+

Technical disciplines in active member projects

~10

Hands-on technical workshops hosted per year

8

Years of activity since club founding at UCF

WHAT OUR MEMBERS WORK IN

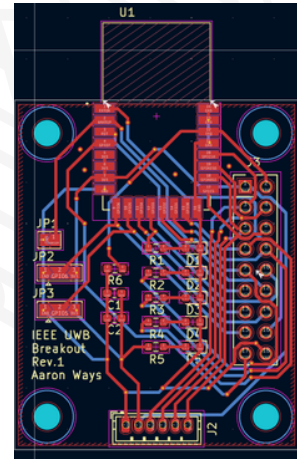
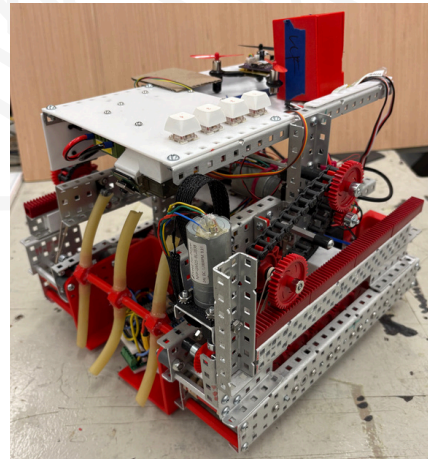
- Digital Design & Hardware Security
- Robotics & Autonomous Systems
- Semiconductors & Microelectronics
- RF & Electromagnetics
- Embedded Systems
- Power & Energy Systems



WHAT WE HAVE MADE - OUR PROJECTS

SOUTHEASTCON ROBOT

Autonomous competition robot: H-drive drivetrain, ROS2 navigation, OpenCV computer vision, and custom Teensy 4.1 boards. Placed at the IEEE Region 3 conference against chapters in the region.

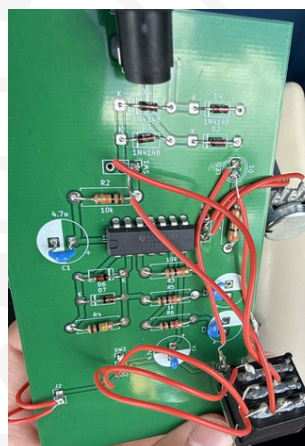
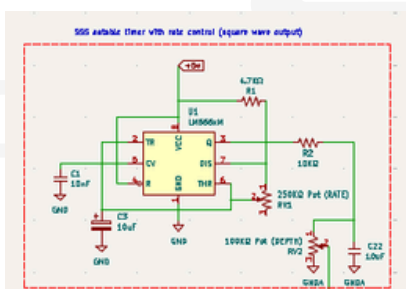
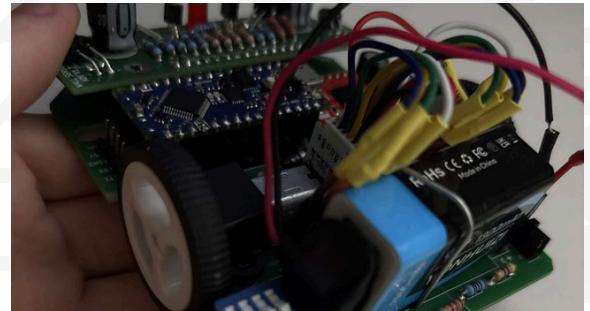


GAMING CPU

A custom processor built from the ground up, RISC-V implemented in SystemVerilog, covering the full flow from design through simulation.

MICROMOUSE

A fully autonomous maze-solving robot for the global Micromouse competition. Combines PCB design, embedded firmware, pathfinding algorithms, and CAD into one system.



GUITAR HERO

A full suite of digital audio effects paired with an analog fuzz pedal. Built in C++ with real-time DSP and embedded circuit design to accurately emulate effects.

TECHNICAL WORKSHOPS

Each semester, IEEE UCF runs roughly five technical workshops spanning SMD soldering, PCB design, embedded systems, circuit measurement/analysis, digital design, RF, and more. Sessions are hands-on and beginner-accessible but based on technical theory and practical application, building confidence and introducing students to engineering skills and fields.

ATTENDANCE

Our workshops are typically limited by space, not interest. Attendance ranges from 20-40 students depending on whether we're in an electronics lab or standard classroom.

HOW SPONSORS ENGAGE

Sponsors are invited to participate through short introductions, technical guest talks, and post-workshop networking with attendees. Many showcase their technology or contribute dev boards and evaluation kits.



Intro to Breadboarding



Soldering Skills



**Rohde & Schwarz
Wi-Fi Modulation**



**Lockheed Martin
EMF Effects**



**Embedded Programming
Fundamentals**



**AC Circuitry:
Rectification & Filters**

WHERE OUR MEMBERS GO

Our members have earned internships and full-time roles at companies across the semiconductor, aerospace, defense, power, and software industries, including:

NVIDIA · AMD · Intel · Texas Instruments · SpaceX · NASA · Lockheed Martin · Northrop Grumman · L3Harris · Meta · Qorvo · TSMC · Siemens · NextEra Energy · Ford · General Motors · Honda · Johns Hopkins APL · HyperX · Steris · Ocean Optics · Burns & McDonnell · TLC Engineering Solutions · Barney's Pumps · WSP · TRC · Orange County Utilities · Mtron

MEMBER HIGHLIGHTS



Joshua Yu

M.S. Computer Engineering

"IEEE afforded me awesome opportunities to explore my engineering passions and was part of my decision to pursue an engineering career in audio product development. Coming into UCF, I knew that I wanted to be an engineer and I also knew I liked music, but I hadn't quite thought to put those two together. Through the influence of my friends, I joined IEEE and quickly became involved in supporting and leading various audio projects such as loudspeaker design and music VST plugin development."

EX VST PROJECT LEAD · AUDIO SYSTEMS ENGINEER AT META · EX ACOUSTICS R&D INTERN AT HYPERX · EX TEST ENGINEERING INTERN AT LOCKHEED MARTIN



Sydney Hayes

B.S. Electrical Engineering

"I served as the IEEE UCF Marketing Chair and Secretary where I gained leadership experience. IEEE UCF also offered numerous professional development and technical development opportunities that allowed me to land a role as a UCF cleanroom fellow. Furthermore, my leadership experience and cleanroom experience allowed me to land roles at Texas Instruments and Qorvo in semiconductor related roles."

IEEE SECRETARY & MARKETING CHAIR · SCRO OFFICER · UNDERGRAD INTEL & TI FELLOW · DPS ENGINEERING INTERN AT QORVO · MANUFACTURING ENGINEERING INTERN AT TEXAS INSTRUMENTS

IEEE UCF'S ROLE IN THE TALENT PIPELINE

Finding great engineering talent at a career fair means sorting through hundreds, sometimes thousands, of students to find the ones who are truly exceptional, and it's getting harder. Student bodies are growing, more people are entering engineering, and it's easier than ever for a resume to look stronger than the person behind it. When the career fair comes, you have a minute to figure out whether someone actually did what their resume claims and whether they'd fit the role.

IEEE UCF members have already sorted themselves into the category you're looking for. Our members build autonomous robots, manufacture custom PCBs, design gaming CPUs and digital architecture, and engage in real research and professional development. They do it not because a class requires it, but because for them engineering is the thing they'd be doing anyway. Many of our members can solder, design a PCB, and program a microcontroller or FPGA before they've finished their core coursework, and our most advanced members are already working on large-scale projects and interning at the kind of companies reading this packet.

Sponsoring IEEE UCF puts you in direct contact with those students. Instead of vetting whether someone meets the bare minimum, you get to have real conversations about roles and fit, before the career fair, before the open applications, before everyone else.

"In fact, 69% of employers plan to increase investment in student club partnerships in 2024, building on a strong upward trend."

– Veris Insights, on recruiting strategies to get top talent in 2025



SPONSORSHIP TIERS

BENEFIT

CITRONAUT
\$1500

KNIGHTRO
\$3000

PEGASUS
\$4500+

VISIBILITY & BRANDING

Logo on the IEEE UCF website



Job postings distributed to members



Logo on event banners & club merch



RECRUITING ACCESS

Access to the IEEE UCF member resume database



Invitation to IEEE UCF networking events



IEEE UCF Career Fair access



Priority / early IEEE UCF Career Fair registration



First look & curated resume access



EVENTS & ENGAGEMENT

Speaking slot at General Body Meeting



Exclusive sponsor event per semester (workshop, etc.)



First choice of GBM speaking dates



Priority booking across all IEEE UCF events



PARTNERSHIP & PROJECTS

Define/steer a project or workshop track towards your industry, discipline, or key company initiative



SPONSORSHIP BENEFITS EXPLAINED

EXCLUSIVE SPONSOR EVENTS

Each semester, you get an exclusive event with only your company. You choose the format based on your goals: technical workshop, resume review/pro-dev session, mock interviews, or info/hiring session. We handle the room, promotion, and turnout. We can provide materials and content if needed.

THE IEEE UCF CAREER FAIR

A members-only career fair connecting sponsors with IEEE UCF students and select partner engineering societies at UCF. Held each semester on a weekday afternoon during recruiting season, the fair sets up company tables around a large event space. All sponsors are invited. Knightro and Pegasus sponsors receive priority registration.

RESUME DATABASE & SPECIAL ACCESS

Each semester we compile a database of member resumes, organized by discipline, graduation year, and whether they're seeking internships or full-time roles. All sponsors receive access. Pegasus sponsors get it two weeks before the other tiers and the option to have a hand-picked shortlist of top-performing students matched to specific roles and skills.

GBM SPEAKING SLOT

Present directly to our full membership at a General Body Meeting, our largest regular gathering of members. Introduce your company, your work, and your open roles. Formats often include information about the company, Q&A panels, day-in-the-life, career path/journey talks, or recruiting insights. Pegasus sponsors get first choice of speaking dates, including priority for highest-attendance early-semester meetings.

PROJECTS & COMPANY INITIATIVES

As a Pegasus sponsor, you can shape what skills our members build and learn with the option to direct one of our projects or workshop tracks towards a discipline or technology relevant to your talent needs. Your priorities influence the skills our members develop, building a pipeline of talent trained in your field.

GET IN TOUCH WITH IEEE UCF

IEEE UCF is always looking to build lasting industry partnerships. Whether you are ready to sponsor or would like to learn more, we'd love to connect.

HOW TO GET STARTED

- 1. Explore the tiers - Look over the options and find what fits your recruiting goals and budget. Not sure what's right, have questions, or need something not listed? We're happy to accommodate and build something that works for you.**
- 2. Reach out - Email us with questions. We can walk you through the tiers, answer anything, and set up a meeting whenever works for you.**
- 3. We handle the rest - Once you have decided, we'll send a simple agreement and invoice according to your needs. After that, you are included in all sponsor communications, event scheduling, and your tier's benefits for the academic year.**

CONTACT INFORMATION

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 **ieeeucf.com**

Kealan Frost - Outreach Chair
Matthew Giannacco - Club President