



FPGAtors

FALL 2026

General Body Meeting 1

08/31/2026 • LAR 234



Scan for attendance

What is FPGAtors?

- FPGAtors is a pre-professional organization for UF ECE students building a career in hardware design and verification.
- FPGAtors is a group of enthusiasts about the latest in electronics and emerging technologies.
- FPGAtors is a group of your peers, students who are interested in the same things as you with experience and taken the same classes as you.





MEET THE OFFICERS

FPGAtors



Michael
President



Bo
Vice President



Lucas
Treasurer



Quan
Social Media Coordinator



Nahjay
Secretary



Lathan
Workshop Developer



Miguel
Workshop Developer



Shoutout

Thanks Antonio (Former President)!



How do you become an FPGAtor?

- You already are one!!
- FPGAtor enrollment is only based on attendance!



What does FPGAtors do?

- Workshops
- Projects
- Resume Review
- Interview Prep



Why do we do workshops?

- To introduce students to FPGAs, RTL development, and the potentials of working with FPGAs.
- To teach students who are interested in learning more about FPGAs and the various topics surrounding it.

What workshops exist?

- **Confirmed**
 - **History of FPGAs, FPGA Applications and Workflows by Lathan 9/4/2026**
 - **RTL Fundamentals and Introduction to SystemVerilog by Lathan 9/11/2026**



Upcoming Workshops

- Introduction to Verification and Testbenches
- Introduction to UVM
- DSP, Acceleration, & Embedded System Design
- Creating safe clock domain crossings
- And more to come!



PROJECTS

What projects does FPGAtors have?

Projects are:

- Student-led, voluntary, and open-source
- Require collaboration and serve as a learning experience for all participants

A FEW PROJECTS THIS SEMESTER

Led by Lucas

Guitar Tuner

Intermediate DSP application using Zybo's on-chip SoC and ADC.

Led by Bo

Ethernet

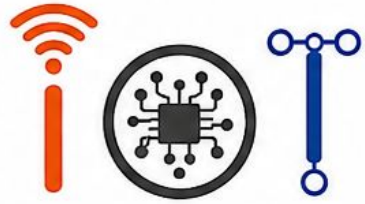
Implementing an Ethernet interface from the ground up using custom hardware and PMOD extensions.

Led by Miguel

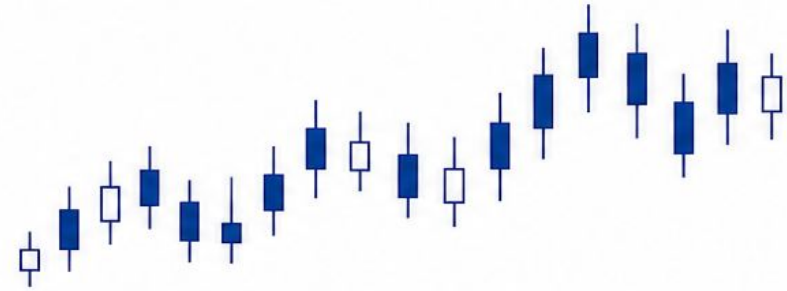
MIPS Processor

Beginner project designing and building a MIPS-based processor core.

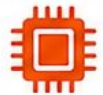
Hackathons?...



Warren B. Nelms Institute
for the Connected World



IoT Students Club X Gator Quant Hacks



Hardware / embedded track for Gator Quant Hacks



Beginner-friendly workshops



No finance background required



Grand prizes

Instagram



@iotstudentsclub

Interest Form



PROJECTS

Do you have your own project idea?

Rent hardware with FPGAtors!



We currently have

- ZedBoards
- Zybo Z7-10s
- Ultra96 and Ultra96-V2
- Basys3
- AVNet



Where will we meet and collaborate?

The Development Space!

- The development space (tentative name) is a time and place booked weekly and hosted by FPGAtors officers to allow for all functions of the club to exist.
- In this space we can work on:
 - Improving resumes
 - Interview Prep
 - Project Development
 - Group Study
 - Office hours
 - And anything you wish it to be!
- This space is meant to be a space to improve in any area you wish to, and FPGAtors is here to help!



PARTNERSHIP

We are partnering up with AMD

AMD will run a hands-on workshop built around our club's experience level and what topics you're most interested in, possibly with design engineers joining from their offices. Fill out the QR Code so AMD can learn more about the club's interests!!!



50+ responses so far. Keep them coming!

Where have some FPGAtors Gone for Work?





Thank you!

Questions?

Workshops

Projects

Project Space

AMD Partnership



Scan for attendance



Scan for AMD Survey