

Joshua Algee

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EDUCATION

University of Central Florida, Orlando, FL

Expected December 2028

Bachelor of Science in Computer Engineering, Minor in Electrical Engineering

Cumulative GPA: 3.56

- **Relevant Coursework:** Digital Systems, Engineering Analysis and Computation, Programming Fundamentals

University of Central Florida, Orlando, FL

December 2024

Bachelor of Science in Business Administration, Management

Entrepreneurship Certificate

PROJECTS

- Microcontroller LED control in C (Arduino) – Experimenting with timers, PWM, and GPIO
- FPGA Digital Logic Design (Xilinx Vivado) – Designed and implemented combinational and sequential digital circuits using Verilog, including counters, multiplexers, latches, and finite state machines with simulation and hardware verification
- Website developments for clientele (client project) – Interpreted client requirements to design and implement a responsive web interface showcasing services and project gallery utilizing Git, GitHub and HTML/CSS

TECHNICAL SKILLS

Programming: C, Verilog, C++, Python, HTML, CSS

Systems: Linux (Ubuntu/Debian), Windows Server (2019, 2022), Windows, VirtualBox, Docker

Networking: RDP, DNS, FTP, MySQL, Firewall Configuration, Active Directory

Tools: Git/GitHub, Bash, SSH, Proxmox, Microsoft Office

Certifications: CompTIA A+, Network+ (IP), Security+ (IP)

TECHNICAL EXPERIENCE

Horse Plinko Cybersecurity Competition (Blue Team – 2nd place) Hack@UCF

September 2025

- Placed 2nd out of 35 teams by defending Windows and Linux servers from live attacks, coordinating team defense.
- Hardened Windows Server environments by configuring firewalls, RDP, and DNS with an approximately 93% uptime.

Hack@UCF – Member

August 2025 – Present

- Manage network configuration, system imaging, and troubleshooting for lab environments.

Knight Hacks – Member

August 2025 – Present

- Work on small hackathon style projects in Python using Git and GitHub for pull requests, and basic code reviews.

Society of PC Building at UCF – Event Organizer

August 2025 – Present

PROFESSIONAL EXPERIENCE

Big Taco/Panera Bread – Orlando, FL

December 2024 – Present

Team Trainer

- Train new hires and handle BOH operations in fast paced, high volume settings, ensuring speed and consistency.

Ideas For Us Eco-Action Organizer Internship – Orlando, FL

October 2024 – December 2024

Logistics Intern

- Organized project content and managed data using Google Drive and CRM systems.

Brierhill Homes – Orlando, FL

April 2021 – July 2023