

# Charles Faso

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## EDUCATION

University of Central Florida

August 2024 – April 2028

*Bachelor of Science in Computer Science (Sophomore)*

*Orlando, FL*

- **Minor:** Secure Computing & Networks
- **GPA: 4.0/4.0** (Pegasus Gold Scholarship)
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Computer Logic, Calculus III, Discrete Math, C Programming
- **FBI Cyber Program:** Completed specialized high school program in cybersecurity and investigative methods

## SKILLS

- **Languages:** C, Java, Python, HTML/CSS, MIPS Assembly
- **Tools & Platforms:** Git, GitHub, VSCode, Eclipse, VIM, Linux, Windows
- **Concepts:** Data Structures & Algorithms, Statistical Analysis, Encryption

## SOFTWARE PROJECTS

[BalanceBotAI](#) — Python, Flask, JavaScript, HTML/CSS, SQLite, Google Gemini API

- Built **full-stack** AI nutrition assistant during a 36-hour **hackathon** with a team of 4 using Claude Code
- Implemented **Flask API** with JWT auth, rate limiting, and multi-agent evaluation using **Google Gemini API**
- Developed a responsive **JavaScript** frontend with barcode scanning, **interactive AI chat**, and nutritional feedback based on user profile; **deployed** using Netlify and Render at <https://balancebotai.netlify.app>

[Password Manager](#) — Python, Tkinter, SQLite, Cryptography

- Built **GUI-based** password manager with **encrypted** local storage and a **salt** based master password
- Implemented password generation, strength feedback, and login **throttling** to prevent brute force attacks
- Gained experience using **Git/GitHub** for version control, **documentation**, and project packaging

## WORK EXPERIENCE

Lucille's American Cafe

June 2023 – August 2025

*Server*

*Weston, FL*

- Managed **multiple** tasks in a fast-paced setting while ensuring **accuracy** and **professionalism**
- Communicated effectively with **customers** and team members to resolve issues and ensure satisfaction

Motorola Solutions

July 2021

*Software Engineering Shadow*

*Plantation, FL*

- **Shadowed** software engineers to learn about agile **workflows**, version control, and code reviews
- Gained **exposure** to the full software development **life cycle** and professional **collaboration** practices

## COMPETITIONS

Hack@UCF International Horse Plinko League

October 2025

*2nd Place, Blue Team*

*Orlando, FL*

- Defended **Linux** and Windows systems against **live** Red Team attacks.
- Prepared strategies and scripts to keep **SSH**, **DNS**, and **HTTP** services online.
- **Collaborated** with a team of four to sustain uptime and secure systems.

## CERTIFICATIONS

- **Computational Thinking** - Informant Technology Specialist
- **Entrepreneurship and Small Businesses** - Intuit