

Charles Faso

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EDUCATION

- University of Central Florida** August 2024 – April 2028
Orlando, FL
- Bachelor of Science in Computer Science (Sophomore)*
- **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
Weston, FL
- Server*
- 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
Plantation, FL
- Software Engineering Shadow*
- **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
Orlando, FL
- 2nd Place, Blue Team*
- 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