

# Charles Faso

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## EDUCATION

University of Central Florida

August 2024 – Present

*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

## 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

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

- Built a **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

[Minigames Library](#) - Java, Doodlepad

- Built a collection of classic games (Wordle, Connect Four, **Snake**, Minesweeper, Othello, Piano Tiles) in **Java** using the **Doodlepad** graphics library
- Implemented **object-oriented** design, event handling, and game logic
- Strengthened skills in **Java** programming, **problem-solving**, and interactive **GUI** development

## WORK EXPERIENCE

Lucille's American Cafe

June 2023 – August 2025

*Server*

*In-Person*

- 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 **lifecycle** and professional **collaboration** practices

## VOLUNTEERING

Camp Counselor

Summer 2021 & Summer 2022

- **Supervised** campers ages 6-13, leading them in activities, and maintaining a **clean** and **safe** environment
- 8-hour shifts, 5x per week, 2000+ hours of **voluntary** community service

## CERTIFICATIONS

- **Computational Thinking** - Informant Technology Specialist
- **Entrepreneurship and Small Businesses** - Intuit
- **Windows Operating System Fundamentals** - Microsoft Technology Associate