

Emmanuel Junior Colas

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Skills

Languages: C, Java, Python, FastAPI

Technologies & Tools: Visual Studios, Virtual Box, Linux, Jira, GitHub

Education

University of Central Florida

Jan 2022 - Dec 2024

B.S in Computer Science

Coursework: Object-Oriented Programming, Discrete Math, Operating Systems

Work Experience

Target

Oct 2023 - Present

Team Member

Create a warm and inviting atmosphere by greeting guests authentically and engaging with them to understand their needs. Maintain a fully stocked and organized sales floor while executing operational tasks with precision and adhering to safety protocols.

Express gratitude to guests, uphold store standards, and provide adaptable support for guest services, ensuring compliance with regulations.

Project Work

- **Looking At Genome Graphically (2024):** Developed a python package to manipulate genome data to create images called chaos graphs for machine learning purposes. Implemented a configuration system to read from a .TOML file to make the package's command line cleaner. Developed the backend endpoint that would take in a TXT file and return a generated chaos graph. Used Python and FastAPI. Render was used for hosting.
- **Personnel Management System (2022):** Developed a system to manage the personnel of a college campus. Implemented a class system using inheritance to minimize code rewriting and track of relations. Used Java.
- **Compiler (2023):** Constructed a compiler that can take PL/0 language and convert it to assembly code using a struct to represent the symbol table. Developed a program to simulate a P-machine with fetch-and-execute cycles and implemented a lexical analyzer with the use of case statements.