

Sean Canterbury

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Relevant Skills

Languages: Java, C, Python, C++, SQL, Javascript/Typescript, HTTP/CSS

Technology: Visual Studio Code, Github, MySQLWorkbench, Wireshark, FastAPI, Django

MISC: Agile, MacOS, Linux, Windows, Unix Bash Commands

Projects

OCRScribe (Capstone In Progress) | Python, AI, Machine Learning

- Collaborating closely with the **National Security Agency** on a project combining Python, AI, and machine learning to design a patented process using **Optical Character Recognition** to seamlessly convert **handwritten text to machine-readable text**.
- Operating in an **Agile environment**, I lead a team of students to ensure that objectives are met on time and efficiently.
- Prioritizing **ease of use and functionality**, I am implementing the OCRScribe functionality in a **mobile application** to broaden the accessibility of OCR technology.

Rate My Internship Website (Personal Project in Progress) | Django, Python, MySQL, HTML/CSS

- Proficiently engaged in **full-stack web development**, seamlessly merging frontend design and backend implementation, utilizing technologies such as Python, HTML, CSS, and MySQL.
- Collaborated within an **Agile** development environment, working closely with a dynamic team of various students to ensure the project's success.
- I Led the project's **database design and management**, resulting in robust and efficient data handling in **MySQL**.

Online Ordering Website | Python, HTML/CSS, SQL

- Utilizing **Scrum** methodology, fostering effective **collaboration** within cross-functional **teams**.
- Effective utilization of **Git** and **GitHub** for version control and collaborative development, enabling streamlined and efficient code management.
- Strong understanding and implementation of **FastAPI** enabling rapid development and easy integration of **CRUD** operations.

Relevant Courses

Data Structures and Algorithms: Completed Summer 2023

Software Engineering: Completed December 2023

Software Development Projects (Capstone): To be Completed May 2024

Education

Bachelor of Science in Computer Science

Concentration in Software, Systems, and Networks

Minor in Mathematics

Expected Graduation: May 2024

The University of North Carolina at Charlotte

Non-Technical Experience

Golden Owl Tavern, Charlotte NC, September 2022 - December 2023

Server

- Take food orders and ensure guests are treated in a professional way
- Delivering food orders to the customer to provide a more personal experience
- Keeping track of checks and cash