

Sean Canterbury

Charlotte NC | swcanterbury7@gmail.com | [Linkedin](#) | [Github](#)

Portfolio: seancanterbury.com

EDUCATION:

University of North Carolina at Charlotte (UNCC), Charlotte NC

May 2024

Bachelor of Science in Computer Science | Concentration: Software, Systems, and Networking | Minor: Mathematics

GPA: 3.49

Honors: Chancellor's List: Fall 2023, Dean's List: Spring 2023, Fall 2022, Fall 2020

TECHNICAL SKILLS:

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

Technology: Visual Studio Code, Github, MySQLWorkbench, Wireshark, FastAPI, Django, Flask, React, React-Native, Tensorflow

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

PROJECTS:

OCRScribe (Capstone In Progress) | OCR, React-Native, Flask, Tensorflow

Spring 2024

- 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 convert handwritten text to machine-readable text seamlessly.
- 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** utilizing **React-Native** frontend and **Flask** backend

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

Spring 2024

- 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

Fall 2023

- 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

WORK 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

UNC Charlotte Marriott, Charlotte NC

Summer 2022

Valet

- Efficiently managed parking operations, providing prompt and courteous valet services to guests
- handling cash transactions accurately, and effectively communicating with team members and patrons to ensure seamless service delivery.