

Charles (Charlie) Gorman

charlietgorman@gmail.com

www.linkedin.com/in/charliegorman2

516-743-8014

Education

- *University of South Carolina, Columbia, SC.* (May 2026)
 - Bachelor of Science, Computer Science.
 - President's List Member (4.0 GPA): Spring 2024, 2025.
 - Dean's List Member (3.5+ GPA): Fall 2023, 2024.
 - Jeffery S. Smolka Rugby Endowed Scholarship Recipient.

Projects

- *"AutomatedCI" Intern Project.* (Summer 2025)
 - Project completed at TTM Technologies as a Software Engineering Intern.
 - Automated the running of 20+ (and growing) integrated software component tests.
 - Programming in Python, C++ on Linux and Windows, using Jenkins, Wine, VMWare.
- *"RollingCapStones" Capstone Project.* (Fall 2024-Spring 2025)
 - USC Capstone Senior Project in collaboration with Capgemini consulting. Vacation-planning website application that uses GenAI to parse specific user queries about vacation locations, amenities, etc., and tailor the response entries based on their query.
 - Programmed in Java with a SpringBoot Framework and spring:MongoDB Database management, front-end implementation using JavaScript (HTML, CSS), and React.
 - GitHub Repository: <https://github.com/SCCapstone/RollingCapStones> (request to view)

Other Related Experience

- *TTM Technologies, Farmingdale, NY.* (May 2025-August 2025)
 - Software Engineering Intern, basic engineering skills (documentation, collaboration).
 - Dealt with IFF Interrogation Systems and their interaction with primary radar.
 - Automated originally operator-ran component tests to check the accuracy of the integrated software's handling of target detection / ID, and varying radar scenarios.
- *Crabtree's New York & Main, Huntington, NY.* (March 2022-January 2025)
 - Started at busboy/barback, worked up to taking on more responsibility as a server.
 - Constantly learning lessons on juggling tasks, maximizing efficiency, and how to encourage and help my coworkers when they need it.
- *Publico, Columbia, SC.* (August 2024-May 2025)
 - Server.
 - Additional to above, I learned to balance my work, school, and student-athlete life. Depending on the week's needs or deadlines, I shape my schedule to be adaptable.

Skills

- *Java / Python*
 - Advanced - most of my scholastic work and projects have been with Java, Python.
- *C++ / Linux / JSON / MIPS Assembly / Prolog / Haskell / R / MATLAB*
 - Intermediate understanding.

Relevant Coursework

- *Software Engineering* – agile methodologies, GitHub, and collaborative project development.
- *Database System Design* – Covered SQL, database design, and performance optimization.
- *Data Structures and Algorithms* – Explored linked lists, trees, sorting and searching algorithms, and time complexity analyses.
- *Operating Systems* – Focused on process management, memory allocation, concurrency issues.
- *Visualization Tools* - design, build, and critique effective visualizations for data analysis.