

BAILEY BAXTER

baileysprojectsonline@gmail.com | 843 582 7151

b-bater26.github.io | linkedin.com/in/bailey-baxter-985077397 | github.com/B-bater26

EDUCATION

B.S. in Computer Science with a Minor in GIS

Coastal Carolina University

GPA: 4.0 | Expected Graduation: May 2028

PROJECTS

Pit Stop Marathon

May-Jul 2026

- Built and deployed a full-stack website that helps travelers discover amenities in nearby gas stations using Flask, Leaflet.js, JavaScript, OSM API, OSRM, and Nominatim.
- Integrated a TSP algorithm with a greedy heuristic and novelty filter that generates an optimized multi-stop route.

Lightning To Thunder Tracker

Jul 2026

- Built and deployed a lightning tracking app that tracks strike distance with JavaScript, Leaflet.js, and Open-Meteo.
- Implemented temperature-adjusted speed of sound and 3-banded uncertainty rings for honest precision.

EXPERIENCE

AI Trainer for Remotasks

Aug 2023-Jan 2024

- Wrote and evaluated early artificial intelligence model outputs, training the models that would reach end users.

AWARDS

Certified Entry-Level Python Programmer

2024

SC State Winner for Esri Student StoryMaps Competition

2024

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS

Frameworks & Libraries: Flask, Leaflet.js

Tools: Git/GitHub, VS Code, Render

Concepts: REST API integration, full-stack development, algorithm design

GIS: ArcGIS, Esri StoryMaps, geospatial analysis