

Dylan Santos

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EDUCATION

Coastal Carolina University | Conway, SC

Aug. 2025 - Present

Studying B.S. in Computer Science, Minor in Applied Mathematics | GPA: 4.0/4.0

- **Courses (Completed):** Introduction to Python Programming (matplotlib, numpy), Calculus I
- **Courses (In-Progress):** Intermediate Python Programming (unittesting, pydoc), Introduction to Web Development, Calculus II, Discrete Mathematics
- **Honors:** President's List, "Best Essay" English Research Paper Nominee

TECHNICAL SKILLS

Languages (ordered by proficiency): Python, C++, Java, HTML, CSS, Lua, SQL, JavaScript

RELEVANT EXPERIENCE

Coastal Carolina's C.I.P.H.E.R. Club | Conway, SC

Aug. 2025 - Present

Executive Board Member - Club President

- Participated in technical demonstrations and workshops covering programming concepts, tools, and popular technologies in computer science.
- Engaged in technical lectures from speakers, projects, and challenges and knowledge-testing events designed to strengthen problem-solving and computational thinking skills.

Multi-Language Programming Tutor | Online

Aug 2023 - Present

Programming Tutor - Python, Java, C++

- **Provided one-on-one programming instruction to students**, teaching foundational coding concepts, debugging strategies, and computational thinking.
- **Explained complex technical concepts in accessible terms**, adapting instruction to different skill levels.

PROJECTS (Projects Planned & In Development Can Be Found On My Website)

cppdoc | Personal Project | C++, HTML

Feb. 2026

- **Documentation generator** that parses source files to identify function declarations and structured comments, automatically producing **HTML-style documentation** based on tools like **Doxygen**.
- Implemented **file parsing and file I/O operations in C++**, applying understanding of C++ syntax, file headers, and structured comment formats to accurately extract and document functions.

Website Portfolio | Personal Project | HTML, CSS, JavaScript

Feb. 2026

- **Designed and developed a personal portfolio website** using HTML, CSS, and JavaScript to present projects, career goals, and professional information in a structured public interface.
- Applied front-end development practices including page structure, styling, and interactive elements.

LEADERSHIP EXPERIENCE

Coastal Carolina's C.I.P.H.E.R. Club President | Conway, SC

Aug. 2025 - Present

Executive Board Member - Club President

- Organized bi-weekly meetings to foster collaboration and engagement among club members, through planning and executing technical events, including coordinating with guest speakers and industry professionals.
- Oversaw executive board operations, delegating responsibilities and ensuring successful completion of club initiatives through coordinating strategy and operations in a uniform manner.