

Jason Spratt

sprattsj@gmail.com • +1 (702) 994-0967

github.com/sprattj11/ • linkedin.com/in/jason-spratt-/ • sprattj11.github.io/Portfolio/

EDUCATION

University of South Carolina College of Engineering and Computing

Columbia, SC

Bachelor of Science (B.S.) in Computer Science

Expected May 2025

- Relevant Coursework: Data Structures & Algorithms, Software Engineering, Digital Logic Design, Discrete Structures, Computer Game Development, Linux Fundamentals, Mobile Application Development, Linear Algebra

RELATED EXPERIENCE

University of South Carolina College of Engineering & Computing

Columbia, SC

Software Engineering

August 2023 – December 2023

- Work to apply the principles of object-oriented software design, including how to describe and model the structure of a system and apply software design patterns.
- Develop understanding of the fundamentals of requirements-based/structure-based software testing methods.
- Create software architectural models and analyze how control and data flow through a system.
- Collaborate with five peers on a semester-long group project to create a project manager app for computer science projects with the intent to keep the user on track and organized with project deadlines and goals.

Data Structures & Algorithms

January 2024 – May 2024

- Apply common algorithm design techniques such as brute force, divide-and-conquer, decrease-and-conquer, transform-and-conquer, dynamic programming, and the greedy technique.
- Analyze and use lists, trees, and graphs. Use these data structures when appropriate for a given problem.

Mobile Application Development

May 2024 – August 2024

- Develop functional capability in developing applications on Android Mobile devices.
- Develop practical knowledge of the Kotlin programming language.

Personal Projects

Columbia, SC

Web Scraping Script with Email Integration

Summer 2023

- Developed a script to email when a certain product comes from 'out of stock' to in stock, runs every 30 mins via a job scheduler using Python 3 - github.com/sprattj11/Restocker

Portfolio Website

Summer 2023

- Created a job resume portfolio website, that includes email integration, networking, and personal statistics for continued updates and benefits using HTML5, CSS, JavaScript.

WORK EXPERIENCE

University of South Carolina Campus Recreation

Columbia, SC

Intramural Sports Leader

February 2023 – Present

- Lead crew members to provide a safe, fair, and fun environment to play intramural sports.
- Complete daily tasks such as reviewing coworkers work performance and providing instructional feedback.
- Organize marketing promotions to generate more business by improving the division's social media pages.
- Optimize team meetings to review our general goals and directions by contributing to discussions/presentations.

Nike

Bluffton, SC

Seasonal Retail Athlete

May 2023 – Present

- Provide excellent customer service while maintaining efficient check-outs and payment transactions.
- Handle, count, and review cash and electronic forms of payment to check for correct numbers.
- Learn and improve the Nike store apps within the company's mobile devices for streamlined service.
- Complete store tasks, such as order processing, RFID scanning, and organizing stock for efficiency.

SKILLS

Expert (★★★★★): Java, C++, HTML5, Linux/Unix

Advanced (★★★★☆): Git, Python3, JavaScript, Kotlin

Familiar (★★★☆☆): Swift, CSS3, Assembly, Prolog