

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

*Columbia, SC*

**Expected May 2025**

- Relevant Coursework: Data Structures & Algorithms, Software Engineering, Digital Logic Design, Discrete Structures

## RELATED EXPERIENCE

---

**University of South Carolina College of Engineering & Computing**  
**Software Engineering**

*Columbia, SC*

**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 – Present**

- 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.

**Introduction to Computer Architecture**

**August 2023 – December 2023**

- Understand the process to program a microprocessor in assembly language and C to write more efficient code.
- Describe how conventional machine instructions operate in conjunction with the components of a computer.

**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*

**Retail Athlete Seasonal**

**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, HTML5, Linux/Unix, C++

**Advanced (★★★★☆):** Git, Python3, GitHub, JavaScript

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