

# TY BENNETT

Columbia, SC

📞 803-521-5139

✉ [tybennett@tybennett.dev](mailto:tybennett@tybennett.dev)

🌐 [linkedin.com/in/tybennett24](https://www.linkedin.com/in/tybennett24)

🐙 [github.com/ty-bennett](https://github.com/ty-bennett)

## Education

### University of South Carolina

May 2028

*Bachelor of Science Computer Science*

*Columbia, SC*

**Honors:** Capstone Scholar, President's List Fall 2024, President's List Spring 2025

**Scholarships:** Palmetto Fellows Scholarship, Dean's Scholarship, Joseph M. Biedenbach Scholarship

**Clubs:** Association for Computing Machinery, Gamecock Cybersecurity Club

**Certifications:** AWS Certified Solutions Architect - Associate (**SAA-C03**)

## Relevant Coursework

- Algorithmic Design I
- Algorithmic Design II
- Advanced Programming Techniques
- Linux Fundamentals
- Digital Logic Design
- Multivariable Calculus

## Technical Skills

**Languages:** Java, Python, C++, HTML, CSS, JavaScript, SQL

**Technologies/Frameworks:** Spring Boot, React.js, Docker, Git, Ansible, Jenkins

**Developer Tools:** Amazon Web Services Cloud Platform (AWS), Vim, IntelliJ

**Operating Systems:** Linux, Windows, MacOS, Cisco IOSXE/IOSXR

## Experience

### University of South Carolina

Aug 2025 – Present

*Teaching Assistant*

*Columbia, SC*

- Troubleshoot technical issues during office hours, supporting a hands-on learning environment for 300+ students
- Maintained detailed grade records and submitted timely feedback to students via Blackboard
- Lead the planning and presentation of slideshows to improve student engagement and interactivity for 150+ students

### South Carolina Department of Administration

Jun 2024 – Present

*Networking Intern*

*Columbia, SC*

- Configured and deployed 70+ Cisco Layer 2 and Layer 3 switches as part of an end-of-life device replacement project
- Spearheaded the development of a zero-touch provisioning process to integrate new devices into network using Ansible
- Revised and updated 90+ network diagrams to reflect current network topology and updated managed service rates

### South Carolina Department of Administration

Jan 2024 – May 2024

*IT Intern*

*Columbia, SC*

- Collected data, designed, and presented a plan to improve the call queue process that led to a 10% decrease in wait time
- Rotated through various teams to learn more about business processes and workflow between Admin and agencies
- Learned how different teams collaborate to provide high-quality shared services and customer service to state agencies

## Projects

### Restaurant Management Platform | AWS, Spring Boot, React.js, PostgreSQL, Docker

June 2025 – Present

- Led full-stack development of a modern, internally managed web app to modernize and centralize development
- Built end-to-end scalable backend services with Spring Boot, enhancing reliability and system performance
- Designed and deployed containerized, event-driven application on AWS cloud infrastructure, combining a range of AWS services like ECS, RDS, SQS, SNS, Lambda, Route53, WAF, S3, and VPC

## Leadership / Extracurricular

### Association for Computing Machinery

Fall 2025 – Present

*President*

*University of South Carolina*

- Coordinated and created material for each club meeting, seeking to grow attendance and improve engagement
- Led workshops on various skills for each meeting, topics such as cloud development, software design, and networking
- Brought in over \$5,000+ of sponsorship from companies for various events and workshops that were hosted