

# Mack Stancil

## Computer Scientist

### CONTACT

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Spartanburg, SC   
Mack Stancil 

### EDUCATION

B.S. Computer Science  
B.S. Cyber Security  
University of South  
Carolina Upstate  
2021 - 2024  
GPA - 3.4  
Spartanburg, SC

### TECHNICAL SKILLS

Java, Python, C++, SQL,  
Excel, R, HTML/CSS

### SOFT SKILLS

Communication, Critical Thinking,  
Collaboration, Problem Solving,  
Attention to Detail, Analysis

### RELEVANT COURSES

Intro to Computer Architecture  
Design & Analysis of Algorithms  
Operating Systems  
Programming Language Struct.  
Software Engineering  
Database System Design  
Computer Security  
Network Security  
Applied Security



### CAREER OBJECTIVE

Soon to be Computer Science graduate with a passion for innovation and problem-solving. Eager to apply theoretical knowledge and practical skills to contribute effectively in a dynamic environment. Seeking opportunities for continuous learning, collaboration, and professional growth.

### Projects/Extracurriculars

#### Senior Seminar Project

Comparison of Content Based-Filtering and Collaborative Filtering in Movie Recommendation Systems

- Chose a topic in data science, comparing two different machine learning methods used in movie recommendation systems.
- The first method was Content Based-Filtering. This involved a cosine similarity algorithm
- The other method was Collaborative Filtering. This involved matrix factorization algorithms such as singular value decomposition, and non-negative matrix factorization.
- It was determined that each had pros and cons, but the best system would combine and use both methods.

#### Personal Website

Resume/Portfolio Website

- Created a personal website from scratch to display a resume and portfolio.
- Developed in Microsoft Studio Code using HTML, CSS, and Javascript.
- Scan the QR code on the bottom left of the page, or use the link to be directed to the website. [mackstancil.github.io/Mack-Stancil-Portfolio/](https://mackstancil.github.io/Mack-Stancil-Portfolio/)

#### Google Data Analytics Professional Certificate

Capstone Case Study

- Completed the eight courses required for the Google Data Analytics Professional Certificate.
- Completed the capstone case study on a bike-share company named Cylcistic.
- Prepared, processed, and analyzed data to give insights for the Cylcistic company launch a marketing campaign.