# Mack Stancil

## Computer Scientist

## CONTACT

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(864) 590-9491 📞

Spartanburg, SC 📍

Mack Stancil 🔗

## EDUCATION

Double Major
B.S. Computer Science/
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 to be directed to the website.

### 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 Cyclistic.
- Prepared, processed, and analyzed data to give insights for the Cyclistic company launch a marketing campaign.