
William Columbia

Computer Science Student

Greenville, South Carolina

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www.willcolumbia.me

TECHNICAL SKILLS

With a focused specialization in backend software development, I possess a comprehensive understanding of frameworks such as Node.js, and Django.

My academic coursework and practical experiences have equipped me with the necessary skills to thrive in both backend and frontend development roles.

EXPERIENCE

University of South Carolina, Columbia, SC - *Teacher Assistant*

November 2022 - PRESENT

- Successfully assisted students in complex class assignments utilizing advanced programming languages.
- Provided strategic support and guidance to students in the computer science program, improving overall department pass rates by 20%.

Reedy River Landscaping, Greenville, SC - *Crew Member*

May 2023 - August 2023

- Successfully managed daily operations and ensured project outcomes aligned with the client's vision.
- Showed leadership skills by managing crew during the Project Manager's absence, leading to a 15% increase in project completion speed.

Greer Event Rentals, Greer, SC - *Staff Manager*

November 2018 - May 2023

- Led a team responsible for the planning and implementation of various diverse events, resulting in 100% overall client satisfaction rating.
- Managed center operations and facilities, improving efficiency by 50%.

EDUCATION

University of South Carolina- *Bachelor of Computer Science*

August 2020 - May 2024

Projects

PitStop Pro App - *Django*

<https://capstone-deployment-production.up.railway.app/home/>

- PitStop Pro is a Django web app that I and three of my classmates are currently developing
- The app is designed as a software system for mechanic shops which allows the users to keep track of inventory, invoices, revenue, employee paychecks and much more

Peg Solitaire Solver - *Python*

<https://github.com/willcolumbia/School-Home-Projects/tree/main/PegSolver>

- The Peg Solitaire Solver is a personal project I wrote in Python which will solve the "Pegs" board game most seen in Cracker Barrel restaurants.
- Given a board size and position (x,y) of the empty space, the program will output the most efficient list of step by step instructions to solving the game

Core Competencies

Problem Solving | Team Collaboration | Strategic Planning | Analytical Thinking

Innovation | Quick Learner | Self-motivated

COLLEGE / PROFESSIONAL DEVELOPMENT

Completed multiple programming projects demonstrating proficiency in:

- Python
- C++
- SQL
- HTML/CSS/Javascript
- Django
- Node.Js
- Linux/Unix
- Github
- API