

# James A. Wall

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## EDUCATION

### Western Carolina University

Cullowhee, NC

*Bachelor of Science in Computer Science*

*Feb. 2022 – Dec. 2026*

**Relevant Coursework:** Software Development, Organization of Programming Languages, Programming fundamentals, Linear Algebra, Calculus 1-3

## TECHNICAL SKILLS

**Languages:** Python, Java, C, C#, JavaScript/Typescript, HTML/CSS

**Frameworks:** Node.js, Angular, .NET, Django

**Developer Tools:** Git, GitLab, CI/CD Pipelines, Docker, Atlassian Jira, VS Code, IntelliJ, VIM

## EXPERIENCE

### Internship

May 2024 – August 2024

*VAE, Inc. - ITPIE*

*Springfield, VA*

- Participated in the Agile software development processes on a full-stack development team
- Enforced C#/.NET code analyzers
- The application is a network discovery and reporting tool submitted for DISA APL testing and deployed at several sites in the Department of Defense

### Building Manager Lead

May 2023 – Present

*Western Carolina University*

*Cullowhee, NC*

- Train Building Managers in one-on-one setting on specific skills needed for job
- Write and maintain a manual, outlining details appropriate to Building Managers
- Gauging Building Managers competency in time management and work effectiveness

### Building Manager

March 2022 – May 2023

*Western Carolina University*

*Cullowhee, NC*

- Greet and Assist Guests and Students visiting the University Center
- Observe and maintain headcounts while making rounds of University Center
- Assist in Technical services to guests and students running events through the University Center
- Awarded Student worker of the month, February 2023

## PROJECTS

### Scramble | *Django, Python, HTML, CSS*

- Create a Django App that allows users to play a word game
- Users can compare score with the daily word, against other users' scores
- Users can access a random generated set of games to play using a seed, in order to play the same random set with other users

### Lexical Analyzer and Grammar Parser | *C*

- School Project that allows a limited basic mathematical interpreter

### Maze Runner | *Java*

- School Project that solves mazes supplied by the user