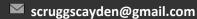
# Cayden Scruggs

# BI Architect Intern





Columbia, SC

garterscales.github.io

### **EDUCATION**

Bachelor of Science

**Computer Science** 

#### **University of South Carolina**

May 2025 Columbia, SC

#### **SKILLS**

- Java
- C#
- Javascript
- SQL
- Python
- C++
- Unix/Linux
- Node.js
- Vue.js
- OpenCV
- MS SQL Server
- Git
- Unity Editor
- Game Design
- Hardware
- GIMP

# **AWARDS/HONORS**

- Palmetto Fellows Scholarship
- Opportunity Scholars Program
- Presidential Scholar
- Dean's Scholar
- Capstone Scholars
- Denny's Hungry for Education Scholarship
- Won first place in a USC ACM coding competition

## **CAREER OBJECTIVE**

Passionate about software engineering and game development. Looking to further my career in computer science and learn as much as I can along the way. Interested in applying programming and algorithmic design to solve novel problems and improve existing solutions.

#### WORK EXPERIENCE

#### BI Architect Intern

# Denny's

- May 2023 current
- Spartanburg, SC
- Created multiple dashboards being used nationwide for financial, training, and franchisee data
- Worked in production codebase alongside other developers, using GIT
- Worked full stack, from database to front end
- Learned industry standard methods in web development
- Brought on for extended internship
- Worked within Microsoft Bot Framework to create interactive chat bot for team

# Undergraduate Research Assistant

#### **University of South Carolina- Dallas Lab**

- August 2023 current Columbia, SC
- - Creating image segmentation software to detect yeast colonies of different strains using OpenCV and Python
  - Working with research team to meet needs and increase efficiency

# Lead Code Sensei (Temporary)

#### **Code Ninjas**

- iii May 2023 August 2023 Mauldin, SC
  - Taught programming basics and game design to kids
  - Learned to explain software in simple terms and walk through code thoroughly
  - Worked with the Unity Editor and C# specifically to teach advanced students
  - Taught students simple data structures
  - Learned the impact that computer skills can have on my community
  - Taught students to use Github for version control

#### **PROJECTS**

- Accurate genetic breeding simulation with ancestry
- 2D Adventure game made without game engine
- Tutored fellow college students on programming
- SCRUM Board manager written in Java
- PC build focused on gaming in Linux