

AYDEN MATOCHA

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 aydenmatocha@gmail.com

 [LinkedIn](#)

 [GitHub](#)

 [Portfolio](#)

SKILLS

Excellent problem solver

Works well in teams and independently

Proficient:

R/RStudio

Java

Git/GitHub

HTML/CSS

Microsoft 365

Google Drive

Familiar:

Python

SQL

C/C++

RELATED COURSEWORK

CS 3460: Data Structures

CS 3667: Software Engineering

CS 3430: Database

CS 3440: Client-side Web

Programming

STT 3850: Statistical Data Analysis

WORK EXPERIENCE

Tech Sales Associate - App State Campus Store

Boone, NC

August 2023 - Current

Work in the tech area of the campus store and answer any questions about the technology we sell. Utilize the NetSuite software to track inventory and predict revenue.

Intern - Coldwell Banker HPW

Holly Springs, NC

Nov 2022 - Apr 2023

Worked with spreadsheets and managed a Facebook group for people relocating to the area. I would assist with any requested work and complete small tasks to improve the environment.

EDUCATION

Appalachian State University (B.S.)

August 2023-May 2027

GPA: 3.88/4.0

Pursuing a computer science major, statistics minor, and certificate in sports analytics.

PROJECTS

Dynamic NFL ARM Rankings

September 2025

Created a data-driven model in R to rank NFL teams 0–10 using key performance metrics that updates dynamically.

2025 NFL Draft Rankings

April 2025

Developed a player ranking system in R that uses season statistics and weighted formulas to calculate a total score, aiding draft and player evaluation.

YESS Y86 Simulator

September 2025-December 2025

Built a Y86 processor simulator in C implementing a 5-stage pipelined architecture. Collaborated using GitHub and pair programming to complete the project for a class assignment.