

Kellan Anderson

Kdanderson5@catamount.wcu.edu | (828) 421-1609 | PO Box 237, Cullowhee, NC, 28723 | <https://kellan-anderson.github.io/>

EDUCATION

- Western Carolina University May 2023
Cullowhee, NC
BS in Computer Science
Relevant courses: Data Structures and Algorithms, Software Engineering, Database Systems, Mobile App Development, Intro to Computer Organization, Organization of Programming Languages

RELEVANT SKILLS

- Languages: Java, Python, JavaScript, SQL
- Databases: PostgreSQL, MongoDB, Neo4j
- Familiar Frameworks: Django, React, Bootstrap, Mocha
- Paradigms: Object Oriented Programming (OOP), functional programming
- Other: Git/GitHub, Agile development, Unit Testing

PROJECTS

- Chess Meister: A desktop version of chess
This semester-long project implemented fundamentals surrounding Git, UML documentation, Agile development, and fundamental design patterns such as the observer, singleton, and factory design patterns.
- A Heaping Treespoon – Graph Analysis: A culmination of two projects
These projects implemented several algorithms surrounding graphs and trees, such as depth first search, breadth first search, Warshall's algorithm, and heap sort.
- Node-View: A Graph Visualization Tool
This is a senior project that takes Bitcoin data published by Elliptic and visualizes it as a graph data structure for users to interact with and filter based on aspects of the data. Node-View is built using D3.js, React JS and Neo4j.

PROFESSIONAL EXPERIENCE

- Lowes Hardware September 2020 - Present
Sylva, NC
Sales Floor Associate, Mentor
 - Assist customers and deliver excellent customer service
 - Mentor new employees to perform well in the company environment
 - Introduce plans for maximizing customer service

- Mount Jefferson State Park May 2020 – August 2020
West Jefferson, NC
Seasonal Staff
 - Created and maintained exhibits, trails, and other visitor areas
 - Ensured the environment was safe, clean, and organized