Kellan Anderson

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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

Volunteer Work

- Various volunteer projects in achievement of Eagle Scout, 2019