Colbe Roberson

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Skills
Languages & Frameworks: Python, C, C++, JavaScript, HTML, CSS
Software & Tools: MySQL, Oracle DB, MongoDB, Linux

Education
B.S. Computer Science / New Jersey Institute of Technology / 3.0   Sept 2019 – May 2023
- Fall 2019, Spring 2021 Dean's List

Relevant Coursework:
- **Intensive Programming in Linux (CS 288):** The course covers Linux programming with Apache Web and MySQL database using PHP/Python and C as primary languages.
- **Advanced Data Structures and Algorithm Design (CS 435):** Advanced topics in data structures and algorithms, involving sequences, sets, and graphs such as searching, sorting, balanced search tree operations, graph traversals, graph connectivity and path problems, work completed in C++.

Experience
Sparta Systems / Software Engineer Intern   May 2022 – Aug 2022
- Completed work to improve and update an internal testing tool.

Projects
Simply Weather / GitHub Repo
- Designed a website that allows users to search for weather details by location.
- Utilized Python, Django, CSS, Bootstrap, HTML, JavaScript.
- Integrated with OpenWeatherMap API and deployed through Heroku.

Programming Language / NJIT CS280 / GitHub Gist
- Created an interpreter, lexical analyzer, and parser for a simple FORTRAN inspired programming language.
- Utilized C++.

Activities & Organizations
Association for Computing Machinery / Club Member / NJIT   Sept 2021 – Present
- Met weekly with other members to discuss computing events around the school.
- In the web committee, where other members and I meet each week to revamp the ACM website.

Programming Team / Club Member / NJIT   Sept 2021 – Present
- Studied data structures and algorithms prevalent in competitive programming.
- Formed groups with other students to solve LeetCode and HackerRank problems on previously discussed topics.