

CAYDEN DESHON

SOFTWARE DEVELOPER

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CAREER SUMMARY

Cayden DeShon is a detail-oriented software developer with expertise in developing Python programs, Machine Learning Programs, and web design. Eager to contribute Python and C++ to his next programming team. Cayden is an ambitious learner focused on staying updated with new software developments in the industry.

TECHNICAL SKILLS

Python | Machine Learning | C++ | Visual Studio Code | GitHub | Jupyter Notebook | VM VirtualBox

WORK EXPERIENCE AND PROJECTS

Full Stack Developer | Blackjack++ 2024

- Developed a blackjack website that teaches users optimal decision making through play and challenges
- Built through an agile development process with a team of programmers using GitHub
- Gained experience in front-end and back-end web development including development in CSS, JavaScript, HTML, and phpMyAdmin

Launched a website with over 50 current users | <https://cfbpicks.live/blackjackplusplus.com/login.php>

AI Course Recommendation System | University of Alabama 2024

- Designed a user-based collaborative filtering system to recommend courses to users based on previous recommendations and simulated user feedback
- Analyzed course database to test and modify program parameters
- Gained experience developing in Python and Jupyter Notebook

Intern | Industrial Technology Company 2022

- Overviewed C++ programs for gear machine automation machines to improve efficiency and maintain quality inspection of gear parts
- Indexed machine part history using excel for backlog maintenance ensuring streamlined production cycles

EDUCATION

Bachelor's degree in computer science, Minor in mathematics | University of Alabama 2024
cum laude

COURSES

Python for Data Science, AI & Development | Coursera 2024

Artificial Intelligence | UA 2024

Computer Algorithms | UA 2023

Data Structures and Algorithms | UA 2022

Introduction to Linear Algebra | UA 2022

PERSONAL SKILLS

Problem Solving | Continuous Learning | Collaboration | Analytical | Interpretative

