Adam Adl

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SUMMARY OF QUALIFICATIONS:

- Dedicated computer science student with exceptional math and programming skills, consistently achieving high academic performance
- Expertise in a variety of programming languages and tools, including C++, Python, and Git, demonstrating a strong foundation in software development
- Experienced in managing projects, leading teams, and resolving conflicts through role as a Resident Advisor and Tutor Mentor, contributing to the success and cohesion of the community

EDUCATION:

University of Colorado at Boulder   Expected Graduation: May 2025

Bachelor of Science in Computer Science   *Boulder, CO*

Minor in Creative Technology and Design

- **Cumulative GPA:** 3.885
- **Relevant Coursework:** Computer Systems, Operating Systems, Data Structures, Data Science, Software Development Methods and Tools, Principle of Programming Languages

WORK EXPERIENCE:

ASAP Tutor Mentor   August 2024 to Present

University of Colorado Boulder   *Boulder, CO*

- Conduct in-person and virtual tutoring sessions, both individually and in small groups, for courses including Data Structures and Computer Science 1
- Enhance students' understanding of course material
- Guide students in developing effective study strategies to promote independent learning
- Maintain consistent communication with ASAP staff, including program managers and head tutor mentors
- Manage student interactions and scheduling through the Penji platform for coordination

CU Boulder Resident Advisor   January 2023 to Present

Residence Life   *Boulder, CO*

- Engaged residents and improved community relations with special events and social functions
- Managed all day-to-day operations for a community of over 30 residents of diverse backgrounds
- Involved in crisis response, safety of building and occupancy, and conducted security rounds of assigned locations
- Mediated student problems using procedural conflict resolution and communication skills

PROJECTS:

Personal Website | https://adamadl.me/   Up to Date

- Designed a cohesive header, footer, and navigation bar using advanced CSS and responsive design
- Constructed an interactive home page with an "About Me" and "Hobbies" section complete with photography
- Engineered a dynamic "Projects" page featuring an elegant carousel display that showcases multiple project

Mancala AI   November 2023

- Utilized Python Jupyter Notebook to create a Mancala game played against an AI
- Implemented a Mancala class complete with functions such as display board and random move generator
- Generated minimax and alpha-beta game trees at a depth of 5 plies to guarantee at least a 95% win rate

Movie Review   April 2022

- Implemented a dynamic home page utilizing the Bootstrap library
- Developed a robust search engine using TMDb API to retrieve movie details based on user search queries.
- Created an interactive "Add Review" functionality utilizing an SQL table for keeping track of user reviews

SKILLS:

Languages: C, C++, Scala, Python, JavaScript, HTML, CSS, SQL
Tools/Frameworks: Git, NodeJS, MySQL, Linux, Visual Studio Code, Microsoft Office Suite, Photoshop, Illustrator