EDWARD ALDER

STUDENT AT CU BOULDER

CONTACT

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LANGUAGES/ FRAMEWORKS

C++
C
Python
Java
Javascript
React
HTML/CSS
SQL

RELEVANT COURSEWORK

CSCI 3104 | Algorithms
CSCI 2270 | Data Structures
CSCI 3287 | Database Systems
CSCI 2400| Computer Systems
CSCI 3753 | Operating Systems

OS / PROGRAMS

Windows
Ubuntu
macOS
Figma

PROFILE

I am a Junior at the University of Colorado Boulder studying computer science, with a passion for creative and elegant solutions to complex problems. This passion drives my desire to learn more about computer software, hardware, and programming languages.

EDUCATION

University of Colorado Boulder

Bachelor of Science in Computer Science

GPA: 3.307 | Graduating May 2022

EXPERIENCE

- **HACKCU VI**
  CU Boulder | Feb 2020
  - With pygame, I implemented rendering of the game created during the event and allowed the maze generation algorithm results to be displayed.
  - Using Python, I added a movement system, scaling enemy npcs, and a user interface.

- **ONLINE FOOSBALL**
  Personal Project | Summer 2020
  - Worked to deliver foosball to the browser using Javascript and Three.js.
  - Designed and implemented an intuitive user interface with Figma and Javascript.
  - Added realistic and dynamic shadows for game pieces using Three.js.

- **HOMELY WEB DEVELOPMENT**
  CSCI 3308 | Spring 2020
  - Assisted with the development of a roommate task management service.
  - Created React components to track user events and display information.
  - Implemented a React calendar library to allow users to view events.

- **CLÜB APP DEVELOPMENT**
  WRTG 3035 | Fall 2020
  - I created an app prototype to connect students in clubs at CU Boulder.
  - Developed user login, profile creation/modifying, and club creation/modifying using the Flutter framework for Dart.
  - Maintained and created a user database through Google's Firebase.