

# Ashley Weaver

## Education

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### University of Colorado Boulder

Major: Bachelor of Arts., Computer Science | Emphasis in Software Development

Minor: Engineering Management

Relevant Coursework:

- Software Development
- Data Structures
- Intro to Artificial Intelligence
- Natural Language Processing
- Object-Oriented Programming
- Algorithms

## Skills

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**Programming Languages:** C/C++, Python, HTML, CSS, Javascript, Java, SQL, Scala, React

**Programs & Tools:** GitHub, Jira, Asana, Visual Studio Code, Figma, Docker, Agile, Scrum, MySQL

## Projects

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### Mixr Website | *Frontend Development*

Spring 2021

- Led front-end development of a functional website revolutionizing user interaction with mixed drink recipes, creating a seamless experience for uploading, sharing, and enhancing overall user satisfaction
- Created a user-friendly interface using React Native, HTML, and CSS, resulting in a cross-platform application compatible with various devices and platforms

### Sarcasm Detection Model | *Natural Language Processing*

Spring 2023

- Worked closely with a team to develop an advanced Natural Language Processing (NLP) model that accurately detects sarcasm in tweets, contributing to cutting-edge sentiment analysis
- Led the implementation of the model using Python, leveraging powerful libraries and frameworks such as NLTK and TensorFlow, to effectively process and analyze textual data with high accuracy and efficiency

### Flappy Bird Game | *Object-Oriented Programming*

Spring 2023

- Conceived, designed, and developed an immersive Flappy Bird game, utilizing advanced Object-Oriented Programming (OOP) techniques, to provide an engaging gaming experience
- Used Python and the Pygame library to implement the game's functionality, including bird movement, obstacle generation, collision detection, and scoring mechanisms.

## Experience

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### Peer Mentor | *CU Boulder - School of Engineering*

August 2020 – December 2021

- Connected new engineering students with upper-level students to facilitate a smooth transition to CU Boulder engineering program
- Mentored 60 students in a semester-long program, focusing on academic and career success through strategies like incremental/modular study, academic program design, career development, and alumni engagement

### Lead Peer Mentor | *CU Boulder - School of Engineering*

August 2021 – December 2021

- Led, organized, and oversaw peer mentor team with the objective to maximize student performance
- Led the development of transformational strategies to optimize the overall effectiveness of the CU Engineering peer mentor program

### Frontend Developer | *T9Hacks*

October 2022 – Current

- Spearheaded a team of talented individuals to revamp and modernize the T9Hacks website, enhancing its visual appeal and user experience to align with current design trends and industry standards
- Demonstrated expertise in front-end web development, utilizing a stack of technologies including HTML, CSS, and JavaScript to implement the desired updates and create a seamless and engaging user interface

## Certifications

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**Certified Salesforce Administrator**

August 2023