

Aditya Jadhav

University of Arizona '24 | 4.0 GPA

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EXPERIENCE

UNDERGRADUATE RESEARCH ASSISTANT | UoFA ToMCAT PROJECT

May 2021 – Current | Tucson, AZ

- Currently working under Dr. Adarsh Pyarelal on the ToMCAT project which is working towards building a socially aware AI.
- Built a flask application using Python, HTML and JavaScript to record user using Microphone and Webcam.
- Currently working on a visualisation dashboard to display captured data of participants using wxWidgets and C++

UNDERGRADUATE TEACHING ASSISTANT | CSC 144 - DISCRETE MATH

January 2022 – | Tucson, AZ

- Attend class lectures to support collaborative in-class activities, offers office hours to help students, schedules feedback meetings with students one-on-one, answers student questions via the course discussion forums, assists with grading assignments and exams, helps develop and test course content, and actively participate in weekly staff meetings.

PROJECTS

CHESS WEBSITE (CHESSISVERYHARD.GAMES) | JS, PHP, MARIADB, MySQL

- Built a website where players can play chess with a computer (Integrated the Stockfish 14 for analysis and computer play) or play among themselves. They can analyze games with the engine and learn the best moves. Also lets you play chess puzzles of varying difficulties.

DOG BREED IMAGE CLASSIFIER | PYTHON AND TENSORFLOW

- Built a Convolutional Neural Network model that classifies an image to a specific breed using TensorFlow and Python. Trained the model using kaggle's dog breed data.

TODO LIST | JAVA AND JAVAFX

- Built a working ToDoList using Java and JavaFX. Users can add different tasks, customize lists, add deadlines and sort tasks by deadline or priority.

WORDLE GAME | JAVA AND JAVAFX

- Built a working replica of the popular wordle game implementing Object oriented Programming. The GUI works exactly like the wordle game with animations, on screen buttons and keyboard input.

AWARDS

- 2020 USD 140k Global Wildcat Scholar
- 2022 Highest Academic distinction for 2021-2022
- 2022 Won the UArizona Team Badminton Tournament
- 2020 Received an All-India Top Scholar certificate for a cumulative senior year grade of 95%

SKILLS

PROGRAMMING

Proficient:

Python • Java • JavaScript
• CSS • HTML

Experienced:

PHP • MariaDB
MySQL

Familiar:

C++ • Shell • Flask

LIBRARIES/FRAMEWORKS

Familiar:

wxWidgets • Jekyll

TOOLS/PLATFORMS

Git • Docker • Unix

EDUCATION

UNIVERSITY OF ARIZONA

BACHELOR'S IN COMPUTER SCIENCE

Jan 2021 - Present | Tucson, AZ

Cum. GPA: 4.0 / 4.0

RELEVANT

COURSEWORK

• OOP • Data Structures and Algorithms • Complexity Analysis • Intro to Data Science • Web Development • Linear Algebra • Discrete Math • Vector Calculus and Calculus