Aditya Jadhav

University of Arizona '24 | 4.0 GPA

🏠 Personal Website   ◯ GitHub   in   ✉ adityaj2003@gmail.com   📞 5204756461

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

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.

FLASK WEBAPP | Flask and Python
- ➔ Built a webapp with Flask and Python to record user microphone and webcam data. Captured data is sent through data bus for analysis by research team.

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.

WEBSITE FOR FETCHING ACTORS AND THEIR MOVIES | PHP, MariaDB, MySQL
- ➔ Built a website where users can access database about actors, their movies and roles in the movies. The backend works using PHP and frontend uses HTML, JS and CSS.

Awards

2020   USD140,000 Global Wildcat Scholar
2022   Highest Academic distinction for 2021-2022
2015   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