

# Aditya Jadhav

Phone: (520)-475-6461 | Email: adityajadhav@email.arizona.edu

## Education

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**The University of Arizona**

GPA: **4.00 / 4.00**

Awards: Deans List Awardee

Bachelor of Science in Computer Science, Data Sc. and Stats

Expected Graduation: May 2024

**Relevant Skills:** Python, Java, Flask, Git, Unix, JavaScript, HTML, PHP, SQL, wxWidget, Docker

**Soft Skills:** Collaboration, Critical thinking, Leadership, Time Management, Discipline

## Work Experience

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- **Research Assistant-TOMCAT**      *University of Arizona*      *May 2021-*
    - Built a flask application using HTML, JS to record user using Microphone and Webcam and transmit it to a server using web sockets. The project is currently researching to train AI to be socially aware using Minecraft
  - **Undergraduate Teaching Assistant**      *University of Arizona*      *January 2021-*
    - Attends 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.
  - **Summer Maintenance Assistant**      *University of Arizona*      *May 2021 – July 2021*
    - Worked on overhauling the Dorms at the University for the next year. Responsible for handling materials required for maintenance and assisting with maintenance of the HVAC system.

## Projects

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- **Wordle Game**
    - Built a working replica of the Wordle game using Java and JavaFX. Implemented MVC architecture and event handling for on-screen buttons as well.
  - **Application of Greedy Algorithm**
    - Made an application which works as a computer AI finding out all the possible moves and making the best possible path at the current moment. The program can be made to work for chess or a maze solver

## Coursework

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- Data Structures, Algorithm, Discrete Math, Complexity Analysis, Web Development, Linear Algebra, Calculus
  - Junior in terms of CS coursework.

## Activities and Awards

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- Global Wildcat Award – Received \$35,000 annual scholarship from the University of Arizona
  - Received the Dean's List Award for a 4.0 GPA through my first 2 semesters.
  - Received an All-India Top Scholar certificate for a cumulative senior year grade of 95% in CBSE's All India Exam
  - SAT India Top Scholar Award – 1490/1600 in the SAT test with 800/800 in SAT Physics and 800/800 in SAT Mathematics.