

# TADISETTY SAI YASHWANTH

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## EDUCATION

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B.TECH, PES University Expected 2025

Relevant Coursework: Python, C, Data Structures and Algorithms, Computer Networks, Operating Systems.

- CGPA: 8.39/10

## SKILLS

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Python, C++, C, HTML, CSS, Javascript, Reactjs, Tailwindcss, Nodejs, Machine Learning, Data Science, Streamlit.

## PROJECTS

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**Action RPG:** An RPG game like the Legend of Zelda, with two maps, two mini-bosses, enemies, weapons, and beautiful retro artwork. Tech Stack: Python, Pygame. ([Github](#))

**Raycasting 3d Engine:** Doom/Wolfenstein 3D raycasting engine made using python and pygame. ([Github](#))

**Anime Recommendation System:** This project is a simple implementation of a content-based recommendation system for anime using Python and Streamlit. ([Github](#)) ([Link to the website](#))

**LittleOS:** Writing my own x86 Operating System which is a single tasking interrupt driven OS, step by step. ([Github](#))

**UltraSonicFPS:** A 3d Exploration game played using our hand gestures. ([Github](#))

**Theft Detection System:** A project made using Arduino, UltraSonic sensor, PIR sensor which detects any movement within a specific range from the sensor and lights up the LED. ([Github](#))

**Toy Chess Engine:** An AI toy chess engine that predicts the next best move in a chess game. ([Github](#))

**CR7 Analysis:** Exploring the Cristiano Ronaldo dataset from Kaggle and building a website using streamlit. ([Github](#)) ([Link to the website](#))

## LEADERSHIP AND EXTRACURRICULAR

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- **MLH Global Hack Week:** I participated in the Train an AI to Play Chess Kaggle Competition and was placed 3rd.
- **Mentor GSSOC'23:** Mentor at GirlsScript Summer of Code 2023. Helping beginners to get into open source and make contributions in the field of Data Science and Machine Learning.
- **Team lead at AIEP:** An Industrial experience program by ACM club where students form a team and work on a project. I was a Team Lead and our team worked on a Game Dev project for 3 months using the Godot game engine and GDscript scripting language.
- **HacktoberKnight:** Maintainer of hacktoberfest repository. Helped participants make open-source contributions.
- **Newsletter and Blogs:** I regularly write tech-based newsletter every week. I also write blogs on [hashnode](#)

## CLUBS AND COMMUNITIES

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- **HackerSpace Club PESUECC** - Mentor and Apprentice team.
- **ACM club** - Technical Team Member. Was in the Maintainers team of HackKnight. ( Hacktoberfest-oriented hackathon where students can contribute to projects.)
- **ZeroDay Cybersecurity Club** - Core and Mentor. Conducted a workshop on Introduction to Linux for CyberSecurity.