

Manoj Tummala

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ABOUT ME

A CSE Senior student, a software developer with experience in full stack and MERN stack development, competitive coding. I am also an Open Source enthusiast, like to explore new technologies and ideas to develop applications..

EDUCATION

Sathyabama University, Chennai, India — BE

JUNE 2019 - APRIL 2023

Am currently pursuing Computer Science

CGPA : 9.6

PROJECTS

AirFoil-SelfNoise Reduction:

- I did a short research paper on reducing air-foil noise reduction in aircrafts by predicting the values based on various factors that affect the craft movement using random forest regression algorithm.

Clipy:

- I created an application through which one can copy on one device and paste it on another device, using python, firebase and android development. Usually it's a feature in mac but not in most other software devices, so will come in handy.

Attendance using Face Recognition:

- A simple concept of marking the Attendance as the face detection takes place using OpenCV for face recognition and identification, python tkinter for display of the interface and finally gives the result into a .csv file. Simple but useful during e-classes.

A* Path finding Algorithm:

- Usage of A-Star-Algorithm to find the path by itself through maze/obstacles. Interesting and fun application of algorithms. A heuristic way of learning to find the path in Javascript.

SKILLS

❑ **Languages:** C/C++, Python, Markdown, HTML, Java Script, Perl, Bash.

❑ Front End Development, Git.

❑ Data Structures and Algorithms.

❑ P5JS and Processing usage in designing using math and physics.

POSITIONS OF RESPONSIBILITY

Technical Member at Google Development Student Club, Sathyabama.

EXPERIENCE

Intern at Star Certification: worked and researched on OpenStack and its applications based on cloud storage.

Intern at Cognibot: worked on machine learning models based on random forest algorithms to solve real life issues.

Goldman Sachs Virtual Program: Familiarized myself with company work of Computer Science employee

ACHIEVEMENTS

❑ Contributed in HacktoberFest.

❑ Gained AIMED(Math Olympiad) district 3rd.

OTHER COURSES

❑ HTML, CSS and JavaScript for Web Developers (Coursera).

❑ Responsive Web Design (FreeCodeCamp).

❑ Python (HackerRank).

❑ JavaScript (HackerRank).

❑ R programming(SpokenTutorial by IIT Bombay)