



MR. ATHARVA RAMAKRISHNA DHARMIK

B.Tech. - Computer Science & Engineering
- MIT - WPU

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BRIEF SUMMARY

As a highly motivated and ambitious individual, my goal for an internship is to gain valuable knowledge and hands-on experience in my field of interest. I am eager to learn from industry experts and expand my skillset in a practical setting. Through this internship, I hope to gain a deeper understanding of the industry and its trends, and develop my problem-solving and analytical skills.

KEY EXPERTISE

Machine Learning Opencv Internet of Things Python Java C CPP OOPs

EDUCATION

Dr. Vishwanath Karad MIT World Peace University (MIT-WPU)

2020 - 2024

B.Tech. - Computer Science & Engineering - MIT - WPU | CGPA: 9.65 / 10.00

St. Xaviers High Schools, Nagpur

2020

12th | CBSE | Percentage: 81.60 / 100.00

Narayana Vidyalayam, Nagpur

2018

10th | CBSE | Percentage: 91.40 / 100.00

INTERNSHIPS

IdeaS

Associate Software Developer

17 Jul, 2023 - 29 Dec, 2023

Key Skills: Python Data Analysis Machine Learning Web Scraping AI

PROJECTS

Military tank with shooting mechanism

20 Apr, 2023 - 12 May, 2023

Team Size: 5

Key Skills: Internet of Things 3D Printing Computer Vision Radio Communication

We designed and constructed a highly realistic military tank replica with a bullet shooting mechanism. Meticulously engineered, the tank featured a durable chassis, turret, and cannon. The standout feature was the safe and controlled dummy bullet shooting system, carefully crafted with electronic components for precise firing action. This project showcased our expertise in mechanical design, fabrication, and engineering problem-solving.

V-Tail RC Plane

13 Jan, 2023 - 22 Jan, 2023

Team Size: 5

Key Skills: Aerodynamics Internet of Things 3D Modeling

We successfully designed and built a high-performance RC plane with a V-tail configuration using foam sheets. Through precision cutting and meticulous assembly, we crafted a lightweight and durable airframe that exhibited excellent aerodynamics and stability. The V-tail configuration allowed for superior maneuverability and control during flight. Integrating advanced RC electronics, including a reliable transmitter and receiver system, along with high-quality servo motors, we ensured smooth and precise control over the plane's four channels. The foam sheet construction enhanced the aircraft's resilience and facilitated easy repairs and modifications. This project demonstrated our skills in RC aircraft design, foam sheet construction, and attention to detail, showcasing our passion for remote-controlled aircraft and commitment to delivering exceptional results.

Obstacle Avoidance Robot

Key Skills: Internet of Things Sensors Radio Communication Arduino

Project Link: <https://github.com/atharvadharmik/Bluetooth-controlled-and-obstacle-avoidance-robot>

The robot is made to avoid obstacles in its path and continue its journey to the goal without being obstructed. An arduino board is used to control all the actions that are required to detect objects and avoid them. An LED Display is used to animate eyes of robot to give user friendly experience.

SEMINARS / TRAININGS / WORKSHOPS

NAIP Bhopal Institute Name: National Institute of Technical Teachers Training & Research

12 Feb, 2023 - 27 Feb, 2023

Key Skills: Android Studio Industrial IoT Communication Skills Industrial Automation

During an educational trip to NITTTTR Bhopal, I gained hands-on experience in Android app development using Android Studio and immersed myself in the world of Industrial IoT. Under the guidance of expert instructors, I mastered the art of creating robust and user-friendly mobile applications, honing my skills in UI/UX design, programming logic, and data management. Additionally, through workshops and interactive sessions, I delved into the integration of IoT technologies in the industrial sector, learning how to connect and control devices, collect and analyze data, and implement innovative IoT solutions. This educational journey showcased my adaptability, collaborative abilities, and practical application of knowledge in cutting-edge technologies.

PERSONAL INTERESTS / HOBBIES

- Cricket, Music

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Flat No. 104 Shreyas Apt. Pioneer Residency Park
Somalwada Wardha Road,Near New Narayana School, Nag, Nagpur
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Date of Birth: 27 Sep, 2002

Known Languages: Marathi, English, Hindi

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