Soumya Ranjan Das

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Dhanbad

EDUCATION

B.Tech, Electrical and Electronics Engineering
IIT (ISM) Dhanbad
2022 - 2026

WORK EXPERIENCE

Content Creation (Physics)
MathonGo, Virtual
Internship • Jan 2024 - Present (1 month)

Collaborate with fellow interns to design questions for physics which will be used by students all over India for their Competitive exam prep.
Question tagging according to the difficulty order so that anyone can test themselves easily.

POSITIONS OF RESPONSIBILITY

Currently an associate at EC/IOT club IIT(ISM) Dhanbad

Led a team of 3 to win and came second in Electrodesign battle (circuit simulator challenge) conducted by EC/IOT club in concetto'23 of IIT(ISM) Dhanbad

TRAININGS

OpenCV
Opencv.org, Online
Dec 2023 - Dec 2023

The certification link as follows:
https://courses.opencv.org/certificates/0b37355190b14fe8b4c8d4d31130a3bc

Matlab
MathWorks, Online
Nov 2023 - Nov 2023

The certification link as follows:
https://matlabacademy.mathworks.com/progress/share/certificate.html?id=42f80efe-8fa9-4aa4-a0d6-1a41c320d7ab&

Supervised Machine Learning (with Python And Numpy)
Coursera, Online
Jun 2023 - Jul 2023

The course certificate link as follows:
https://coursera.org/share/9a06584b03c9ecc93ae8c6f3551a1e86

PROJECTS

Self balancing bike for Eyantra Robotics Compitition
Oct 2023 - Present

https://github.com/soumya-2911/projects-Eyantra_lunarScout.git

We were in the top 50 teams from all over India in the stage 1 of eyantra competition conducted by IIT Bombay. We are currently working on stage 2 of the competition where we are building the bike using arduino nano and IMU GY-87 sensor. The controller is being designed using LQR controller from state space modelling.

SKILLS

Arduino
Intermediate

Circuit Design
Intermediate

C Programming
Beginner

Internet of Things (IoT)
Beginner

MATLAB
Beginner

Python
Intermediate

Machine Learning
Beginner

OpenCV
Beginner

Robotics
Beginner

WORK SAMPLES

GitHub profile

https://github.com/soumya-2911

Other portfolio link

https://mesoumyaranjan.github.io/

ADDITIONAL DETAILS

Me along with my 3 team members were among the top 50 teams qualified for stage 2 of Eyantra Robotics Competition.

Ranked Second in the Electrodesign Battle (circuit simulator challenge) conducted by IIT (ISM) Dhanbad in concetto 23

Secured AIR (general) rank 7510 in JEE Advanced 2022

Secured 94.6 % in class 12 boards