Jothish.S || NA21B033
Indian Institute of Technology Madras

EDUCATIONAL BACKGROUND

Program	Institution	% / CGPA	Year
B.Tech in Naval Architecture and Ocean Engineering	IIT Madras, Chennai	8.51	2025
Class XII (CBSE Board)	Maharishi International Residential School	95.8	2021
Class X (CBSE Board)	Indian School Dar-Es Salaam	96.4	2019

SCHOLASTIC ACHIEVEMENTS

Scholastic Achievements	• Secured **99.3221287** percentile in JEE Mains 2021 attempted by 652627 students. (Rank:**7118**) • Acquired **95.9018** percentile in JEE Advanced 2021 attempted by about 141699. (Rank:**5807**).
Analytics club	• Certificate from Analytics club for completing the course **ML/DL Summer School program**.
Programming certification	• Certificate from **NIIT** (National Institute of Information Technology) for completing courses in **C, C++** and **python.**

PROJECTS

I**nformation exchange platform (I-Mitra)**	• Working with a team of 8, as part of **Techsoc** (Technical Society) IITM • Developing an information exchange platform exclusive for the IITM family.
Machine Learning Algorithms	• Implemented several basic regression and classification models using **k-neighbors, linear regression, SVM, etc.** • Explored the variations of using **ScikitLearn, Keras and TensorFlow.** • **Fine-tuned the models** different with different optimizers & loss functions.

POSITIONS OF RESPONSIBILITIES

Nirmaan (Pre-Incubation Cell)	IIT Madras	May 2022 - Present
Coordinator &Manager (May 2022 – Present)	• Organized numerous events and programs for Nirmaan (Namely: Milestone program [17th September 2022], Expert Talk [6th August 2022] etc). • Wrote an Article for Nirmaan that is to be published in Times Of India and designed numerous captions for the Instagram handles of Nirmaan. • Was a part of IIC (Institute Innovation Council) which is a body that keeps an account of the startups and innovation events on the basis of which ARIIA ranking for the institute is decided. • Assigned with the duty to oversee the functioning of 5 startups and to provide them with appropriate aid at different stages of incubation

RELEVANT COURSE WORKS:

Coursework	• Probability, Statistics & Stochastic Processes (**MA2040**) • Series & Matrices (**MA1102**)	• Machine learning specialization By Andrew NG (**Coursera**) • TensorFlow mastery certificate By Zero to Mastery (**Udemy**) [ongoing]	• Principle Of Economics (**HS3002**) • Introduction to Programming (with c) (**CS1100**)

TECHINCAL SKILLS

Programming Languages:	Python, C, C++, MySQL.	**Libraries familiar with**	Pandas, NumPy, Matplotlib
Framework/packages	Scikit-learn, TensorFlow, Keras API.	**Software familiar with**	MS office, Spyder (IDE), Anaconda, Fusion360

OTHER ACTIVITIES & ACHIEVEMENTS

School Achievements	• Secured **2nd Rank in School** in **All India Secondary School Examination** (AISSE) 2019. • School **first** in French in **All India Secondary School Examination** (AISSE) 2019. • **B** grade in **NCC Army** cadet with a C certificate. (It is 2nd highest achievable discipline certificate in the school level)
NSO Athletics	• Among the top **40** in **1600m** sprint marathon.