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Summary

At Indian Institute of Technology Madras, where I am in my second year in the Department of Mechanical Engineering, I am learning the importance of applying classical strategies to modern-day problems and finding innovative solutions

Currently I am an Manager at Marketing and Public Relations, E-Cell at Indian Institute of Technology Madras(IITM). E-Cell is an organization at IITM, Democratizing the entrepreneurial world to the people part of the IITM ecosystem and cater audience from the start-up enthusiast to hardcore entrepreneurs. We organize plethora of yearlong events like Conclaves, Keynotes, Industry-defined Problems, B-Planning Competitions and Workshops, through both personal and collaboration-based approach.

I am also a Project Member at Artificial Intelligence Club, Centre For Innovation, at IIT Madras. CFI houses many clubs whose interests are spread over a wide spectrum primarily fostering innovation and invention in technology, with a focus on technologies aimed at contributing positively to the environment and to the society. Our team is working on a project that leverages Convolutional Neural Networks, Deep Neural Networks and Generative Adversarial Networks to solve classical CFD problems.

I am currently interested in the field of Machine Learning and Artificial Intelligence with an emphasis on it's application to classical engineering problems.

Experience



Manager

E-Cell IIT Madras

Jun 2023 - Present (3 months)

Manager at Marketing and Public Relations vertical of Entrepreneurship-Cell IIT Madras



Project Member

Centre For Innovation (CFI)

May 2023 - Present (4 months)

I am a project member at AI club under CFI. Our team is currently working on Project OptiWing, which aims to revolutionize the way in which we design airfoils for jets, cars etc. we aim to create a Generative Adversarial Neural Network to generate optimal airfoil shape, given a specific pressure distribution.



Associate Manager

E-Cell IIT Madras

Dec 2022 - Jun 2023 (7 months)

Associate Manager at Marketing and Public relations, Entrepreneurship-Cell IIT Madras.



Deputy Coordinator

Electronics Club, CFI, IIT Madras

Feb 2023 - May 2023 (4 months)

The Electronics Club was initiated in the year 2013 by 3 enthusiasts with a vision of building a creative space to cater for projects and ideas in the field of Electronics. The club has evolved in multi-folds since its inception and now caters to a wide array of interests in Core Electronics and related fields (not limited to) such as Robotics, Digital Design, Machine Learning and Signal Processing with real-life applications. The club also conducts comprehensive Mega Sessions and Summer School exposing various domains of Electronics.

Education



Indian Institute of Technology, Madras

Bachelor of Technology - BTech, Mechanical Engineering

Nov 2022 - Nov 2026



SBOA School & Junior College

CBSE Class 12, Computer Science

Licenses & Certifications



Scientific Computing with Python - freeCodeCamp

fcc90ec0b4a-22ca-417c-abe2-0be738ee3740



Data Analysis with Python - freeCodeCamp

fcc90ec0b4a-22ca-417c-abe2-0be738ee3740



Supervised Machine Learning: Regression and Classification - Coursera

SE47M7Y5E8R7



Advanced Learning Algorithms - Coursera

MQKPE9MNHZMQ



Unsupervised Learning, Recommenders, Reinforcement Learning - Coursera

VN6QSRZKVRTW



Machine Learning Specialization - Coursera

2ZUEXVT9DTQ3

Skills

Supervised Learning • Linear Regression • Logistic Regression • Unsupervised Learning • Recommender Systems • Reinforcement Learning • Event Planning • Marketing Strategy • Social Media Marketing • Public Relations

Honors & Awards



Top 20 Projects at the National level - Atal Innovation Mission

Mar 2019

Atal Innovation Mission conducted Atal Innovation Marathon 2018 in which my project, Stacked Agriculture was selected as one of the top 20 projects in the national level in the category of agriculture.