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EDUCATION AND SHOLASTIC ACHIEVEMENTS

Program	Institution	%/CGPA	Year of completion
B.Tech in Civil Engineering	Indian Institute of Technology Madras	8.94/10	2023
XII - CBSE Board	M. D.A.V. Sr. Sec. Public School, Ambala, Haryana	94.0%	2019
X - CBSE Board	M. D.A.V. Sr. Sec. Public School, Ambala, Haryana	10/10	2017

- National Talent Search Examination (NTSE) Scholar – placed in the top 0.1 percentile of candidates (2017)
- State Rank 2 in International Mathematics Olympiad (2009) and National Science Olympiad (2009)

PROFESSIONAL EXPERIENCE AND PROJECTS

Data Engineering Intern
August '20 - Present

In collaboration with students from IIT Madras
- Working on web scraping using **BeautifulSoup** and **Selenium** frameworks to extract data for Natural Language Processing (**NLP**) application in financial consumer software products

Options Pricing Using Deep Learning
September '20 - Present

Conducted by Finance Club, IIT Madras
- Working on Options Pricing models using inputs to the Black Scholes Model using artificial neural networks
- Part of team working on implementation of CS230 Stanford Research paper on options pricing using deep learning
- Using **Multi-Layer Perceptron** and **LSTM** architectures to implement DL models

Adobe Analytics Challenge
Global Data Analytics Challenge
November '20

- Participated in the first **global edition** of the challenge conducted by Adobe
- Analysed data to provide solutions for business problems over a three-week period
- Worked with the **Adobe Analytics Platform** along with two students from IIT Madras

COURSE WORK AND TECHNICAL SKILLS

Introduction to Machine Learning (Stanford University)	Neural Networks and Deep Learning (deeplearning.ai)	Hyperparameter Tuning, Regularization and Optimization
Probability, Statistics and Stochastic Process	Sequence Models	Convolutional Neural Networks
C++ Specialisation (SoloLearn)	Structuring Machine Learning Projects	ML and AI on Google Cloud Platform

Programming Languages: Python | C++ | C | HTML | SQL* | JavaScript*   **Software**: MS Office | MATLAB | Adobe Photoshop*

Frameworks: PyTorch | TensorFlow | Keras* | Azure*

POSITIONS OF RESPONSIBILITY

Manager
International and Alumni Relations Cell
May '20 - Present

- Working with IIT Madras Alumni Association on various programmes and initiatives to improve infrastructure and facilities on campus
- Part of the team that networks with the 50000+ strong alumni network of IIT Madras

Finance and Administration Coordinator
Sports Organising Committee
April '20 - Present

- Part of the team that manages the INR 2.5+ Cr annual sports budget of IIT Madras
- Administrative roles such as coordinating procurement of equipment for all sporting activities on campus
- Working closely with Gymkhana Office, IIT Madras to ensure smooth operations of sports related events and activities

Event Coordinator
Shaastra
April '20 - Present

- Coordinator in the Ignite team of Shaastra, the ISO certified Technical Fest of IIT Madras
- Helped to conduct online version of Ignite 2020 seeing participation from school students all over the country
- Part of the QMS team responsible for ensuring that ISO standards are maintained

Associate Manager
E-Cell IIT Madras
November '19 – March '20

- Worked with the Corporate Relations team of the Entrepreneurship Cell of IIT Madras
- Brought in the Audio Sponsor for the flagship event of E-Cell IIT Madras, **E-Summit 2020** in a deal worth INR 80k
- Coordinated with 30+ companies for sponsorship deals for E-Summit 2020

EXTRA-CURRICULAR ACTIVITIES

Sports

- Member of the Institute Athletics Team
- Represented IIT Madras at the 54th Inter IIT Sports Meet (2019)
- Qualified till the Semi final of the 400m event placing 16th out of 50+ athletes

Cultural

- Actively participate in Music Club events
- Volunteer at the Music Club during the Cultural Fest of IIT Madras
- Performed in front of 1000+ strong crowd on freshers' night

*elementary proficiency