

Contact

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www.linkedin.com/in/mayur-joshi-a359b5139 (LinkedIn)

Top Skills

Deep Learning

Python

LabVIEW

Languages

Marathi (Full Professional)

English (Full Professional)

Hindi (Full Professional)

Certifications

NTSE Scholar

KVPY Scholar

Member, HBR Ascend Select

DAAD WISE Scholarship

Peek Experience

Honors-Awards

NTSE SCHOLAR

KVPY SCHOLAR

Honda Young Engineer Scientist (Y-E-S) Award

DAAD WISE Scholar

MITACS GLOBALINK Fellowship

Mayur Joshi

ITC | DAAD Scholar | CERN | MITACS | Honda YES Awardee | IIT Madras
Chennai

Summary

Through my coursework, projects, and internships with various Indian industrial conglomerates and international research groups, I have developed an insatiable desire to know and grow.

I am passionate about pursuing cross-functional roles at the intersection of business and technology.

I strongly believe that some of the most pressing problems in the society can be solved through technological innovations.

Experience

ITC Limited

KITES Technical Intern

April 2020 - Present (5 months)

Setting up a Central Quality Assurance process for ITC Agri-Business.

180 Degrees Consulting IIT Madras

1 year 8 months

President

March 2020 - Present (6 months)

As the president of the 180DC IITM chapter, head a 4-tiered team of 32 students working on social consulting projects with startups, NGOs, social enterprises and government stakeholders.

Director

May 2019 - April 2020 (1 year)

Chennai Area, India

Leading the IITM Chapter of world's largest university based pro bono consultancy aiming social enterprises.

Consultant

January 2019 - May 2019 (5 months)

Chennai Area, India

DAAD German Academic Exchange Service

DAAD Scholar: RWTH Aachen, Germany

May 2019 - August 2019 (4 months)

Aachen, Germany

Project Title: Using Deep Learning for scientific pattern recognition

- Implemented GAN (Generative Adversarial Network) for regression to predict true data from the filtered data and reconstruction to develop the fully resolved 3-D data from filtered DNS data samples
- Designed and evaluated dense neural networks and Generative Adversarial Networks to learn functional relations
- Introduced TSRGAN (Turbulence Super Resolution GAN) for turbulence modeling as an adaptation of ESRGAN

Confederation Of Young Leaders (CYL)

Indian Youth Delegate to China

December 2018 - December 2018 (1 month)

China

CERN

Summer Internship: CERN, Switzerland

May 2018 - July 2018 (3 months)

Geneva Area, Switzerland

- Experimentally analyzed implementation of eco-friendly CO2 cooling system for Tracker Upgrade project
- Developed a comprehensive data acquisition system for thermal sensors using National Instruments LabVIEW
- Instrumented, commissioned and operated thermal test setup (TRACI) for CO2 cooling of detector followed by detailed analysis providing insights on nuances of CO2 cooling

Shaastra, IIT Madras

1 year 2 months

PR Executive and Social Campaign Head (Cofounder ReACH),
Sponsorship and PR

June 2018 - June 2018 (1 month)

IIT Madras, Chennai

- Spearheaded a team of 14 students to provide a sustainable and economical solution to lack of infrastructure in education by providing study tables made up of recycled cardboard to underprivileged children
- Impacted more than 600+ students in 5 schools in collaboration with NGOs Bhumi and Teach for India

Coordinator, Shaastra Sponsorship and PR

May 2017 - May 2018 (1 year 1 month)

IIT Madras, Chennai

- Executed an innovative social campaign catering to hygiene issues in 20+ schools in collaboration with TFI
- Engineered a combined solution to waste management and sanitation by converting waste soap into liquid handwash and conceptualized a 21-day hygiene awareness program to inculcate healthy hygiene habits among students

Mahindra and Mahindra Limited [Automotive, Farm Equipment and Agri Business]

Winter Intern

November 2017 - December 2017 (2 months)

Nagpur Area, India

Bharat Petroleum Corporation Limited

Internship

May 2017 - June 2017 (2 months)

Mumbai Refinery

Education

Indian Institute of Technology, Madras

B.Tech + M.Tech (Dual Degree), Mechanical Engineering + Data Science

Grade: 9.51/10 · (2016 - 2021)

Pace Junior Science College, Nerul

High School, Science · (2014 - 2016)

Delhi Public School - India

Navi Mumbai · (2010 - 2014)