

Tanmay Chhatbar

Aspiring Automotive Engineer

As a dedicated engineering student with a passion for innovation driven by curiosity and competitive spirit, I understand the value of fluency in technology, and enjoy working in all avenues related.

WORK EXPERIENCE

Course Moderator

EdX MOOC

2018 - 2019 (Basic 3D Modelling using Blender, IIT BombayX)

- Assisted 100+ students in learning Blender (the software) better
- Guided students to better understand and use software efficiently

Automation Controls Design

Starch Products

2017 - 2021

- Designed variable valve control for fluid flow
 - Fabricated Weigh-metric, volumetric auto-fill systems
 - Built pulse based rate counter to calculate flow speed & total flow
 - Designed weight-based large container (~100L) autostop-filling
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COMPETITION EXPERIENCE

SAE Aero Design East, 2019

7th* Place in Mission Performance

Technical Head (2018 - 2019)

- Led the design of fuselage, landing gear & tail-section of aircraft
- Spearheaded electronics testing, validation and selection

Boeing Aeromodelling, IIT Kharagpur, 2019

3rd Place Overall

Team Captain (2017 - 2019)

- Led the team in design and manufacturing
- Piloted the aircraft to podium

World Robotics Championship, Delhi, 2019

Team Mentor (2019)

- Mentored design of aircraft
 - Piloted team RC aircraft
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EDUCATION

Bachelor of Technology, Mechanical Engineering

NMIMS Mukesh Patel School of Technology Mgmt. and Engg.

2016 - 2020, Mumbai

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Greenville, SC

Experiential Knowledge

Design for 3D Printing (FDM)

Rapid Prototyping

Design of Filling Systems...

Tools & Technologies

SOLIDWORKS

Blender

Automation Systems

Electronics

Additive Manufacturing

Power tools (Grinder, saws, etc.)

RC Flight Systems...

Computer Skills

Programming in Python

Using linux systems

Troubleshooting...

Languages

English (professional)

Hindi (fluent)

Gujarati (fluent)

Social

github/TanmayChhatbar

linkedin/TanmayChhatbar

Hobbies

Football, Aeromodelling,

Motorsports, Drones

