

Tanmay Chhatbar

Aspiring Automotive Engineer

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Greenville

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 the software better

Guided students to better understand and use software efficiently

Automation Controls Design

Starch Products (Family Business)

2017 - Present

Design of variable valve control for fluid flow

Weigh-metric, volumetric auto-fill systems

Piston-based, Syringe-based bottle fillers

Pulse based rate counter to calculate flow speed, appx. total flow

Weight-based large container (~100L) autostop-filling

COMPETITION EXPERIENCE

SAE Aero Design East, 2019

7th* Place in Mission Performance

Technical Head (2018 - 2019)

Led the design of fuselage, landing gear and tail-section of aircraft

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

EDUCATION

Bachelor of Technology, Mechanical Engineering

NMIMS Mukesh Patel School of Technology Mgmt. and Engg.

2016 - 2020, Mumbai

Experiential Knowledge

Design for 3D Printing (FDM)

Rapid Prototyping

Design of Filling Systems

Computer Skills...

Tools & Technologies

SOLIDWORKS

Blender

Additive Manufacturing

Automation Systems

Electronics

Power tools

Figma...

Other Skills

Programming in Python

Linux systems

RC Flight Systems

Troubleshooting...

Languages

English (professional)

Hindi (fluent)

Gujarati (native)

Social

github/TanmayChhatbar

linkedin/TanmayChhatbar

Hobbies

Football, Aeromodelling,

Motorsports, Gaming

