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

Automation Controls Design

Starch Products (Family Business)

2017 - Present

Implemented variable valve control for fluid flow

Designed weigh-metric, volumetric auto-fill systems

Fabricated piston-based, Syringe-based bottle fillers

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

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 Blender efficiently

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 aicraft Assisted in electronics testing, validation and selection

Boeing Aeromodelling, IIT Kharagpur, 2019

3rd Place Overall

Team Captain (2017 - 2019)

Led the team in design and testing

Assisted in development planning and manufacturing

Piloted the aircraft to podium

EDUCATION

Bachelor of Technology, Mechanical Engineering

Mukesh Patel School of Technology Mgmt. and Engg.

2016 - 2020, Mumbai

Master's in Science, Automotive Engineering (Ongoing)

Clemson University (CU-ICAR)

2021-2023, Greenville, SC

tanmaychhatbar@gmail.com tchhatb@clemson.edu +1 928 265 0288

Tools & Technologies

SOLIDWORKS

Additive Manufacturing Automation Systems Microcontrollers, PLCs Blender

Power tools...

Skills

Design for 3D Printing (FDM)
Rapid Prototyping
Design of Filling Systems
Programming in Python
Linux systems
RC Flight Systems
Troubleshooting...

Languages

English (professional)
Hindi (fluent)
Gujarati (native)

Social

linkedin/in/TanmayChhatbar github/TanmayChhatbar

Hobbies

Football, Aeromodeling, Motorsports, Gaming

