# Tanmay Chhatbar
## Aspiring Automotive Engineer

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

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

## 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