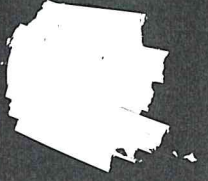
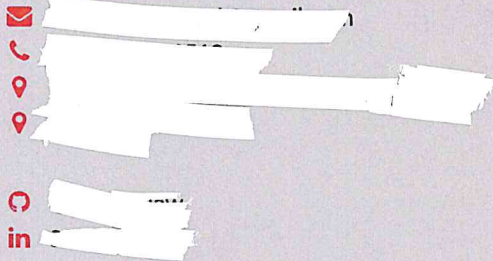


SOORAJ SWAIN

Student in M1 Fluids Engineering for Industrial Processes at INSA-ENSEEIH Toulouse



CONTACT



SKILLS

Programming Languages

Python	●●●●●●
C	●●●●●●
C+	●●●●●●
HTML/CSS	●●●●●●

Operating Systems

Linux	●●●●●●
Windows	●●●●●●

Technical Softwares

Solidworks	●●●●●●
AutoCAD	●●●●●●
CNC	●●●●●●
CATIA	●●●●●●
Inventor	●●●●●●
ANSYS Fluent	●●●●●●
OPENFOAM	●●●●●●
Thermoptim	●●●●●●
COMSOL	●●●●●●
Matlab	●●●●●●
Office	●●●●●●
Excel	●●●●●●

3D Softwares

Cinema 4D	●●●●●●
Autodesk Maya	●●●●●●
Blender	●●●●●●
Illustrator	●●●●●●

Languages

English	●●●●●●
French	●●●●●●
Hindi	●●●●●●
Telugu	●●●●●●
Odiya	●●●●●●

OBJECTIVE

Looking to obtain an internship position in a fast paced environment to utilize exceptional multitasking skill in efficiently running various projects in the institution and acquiring field experience on the long-run.

EXPERIENCE

- 2019 - 2021
SATCOM AND DIGITAL SOLUTIONS,India **Mechanical Engineer**
 - Design and implementation of special procedural strategies for maintenance
 - Implementation of new technologies to reduce project time
- 2019
SATCOM AND DIGITAL SOLUTIONS,India
 - Installation and design of Chicken mesh prime focus antenna
- 2018
Electronics Corporation of India Limited
 - Design and modeling of reflector, frame and assembly of truss & supports

EDUCATION

- 2021
INSA - ENSEEIHT,INP-Toulouse **Master in Fluids for Industrial Process**
- 2015 - 2019
S.V.N.I.T **Bachelors in Mechanical Engineering**

PROJECTS

- 2022 -
ENSEEIHT,INP-Toulouse
 - Modelling and analysis of mass transfer around a clean and contaminated bubble(COMSOL)
 - Simulation(Fluid and Heat) of a re-entry vehicle and modifications to the design
 - Research on behaviour of water droplet on a cold plate and hot plate(Leidenfrost effect) using MATLAB and Image J
- 2021-2022
INSA - ENSEEIHT,INP-Toulouse
 - The study of Leidenfrost effect
 - Development of hollow cylinder to encapsulate Quorum Quenching bacteria in a bioreactor membrane
- 2019
S.V.N.I.T,India
 - Dessicant Dehumidification and air-conditioning

