Suyash Agnihotri

Mechanical Engineering | IIT Jodhpur
agnihotri.1@iitj.ac.in | 9621963322

EDUCATION

IIT JODHPUR
B.Tech in Mechanical Engg.
Batch 2023
Cum. GPA: 8.41 / 10.0
Last GPA : 9.57 / 10.0
Current Department Rank : 2nd

ST. JOSEPH'S SCHOOL
Class 12 | CBSE
2018 | NTPC Rihand, India
Percentage : 97.2% (District Topper)
Class 10 | CBSE
2016 | NTPC Rihand, India
Performance : 10 CGPA

LINKS

Github:// **suyashagno3**
LinkedIn:// **Suyash Agnihotri**
HackerRank:// **Suyash Kumar Agnihotri**

COURSEWORK

UNDERGRADUATE
Introduction to Machine Learning
Signal and Systems
Data Structure and Algorithms
Linear Algebra
Differential Calculus
Engineering Design
Introduction to Computer Science
Scientific Computations

SKILLS

LANGUAGES
Proficient:
• C++ • Python • C
• HTML • CSS
Familiar:
• JavaScript • Matlab • Latex

DEVELOPMENT
• ReactJS • Material UI
• Bootstrap • Git • Figma

OTHER SKILLS
• Competitive Programming
• Machine Learning • Adobe Premiere Pro
• Adobe After Effects
• Leadership • Public Speaking
• SolidWorks

PROJECTS

GYMKHANA INVENTORY | Development | Github ↗
Feb 2021 – Present | IIT Jodhpur, Jodhpur
- Working on a dynamic website from scratch for Inventory Management which will be used to issue, request and approve equipments.
- Components made- Navbar, Footer, Home page and also worked on Routing. All components were fully responsive.
- Tech-Stack: **ReactJS, HTML,CSS, Javascript,Material UI**

DECISION TREE PRUNING | Github ↗
December 2020 - January 2021 | Course Project
- Analysis of various error estimators for selecting minimum error Decision Tree using CART induction program.
- Reviewed and suggested possible technical updates

POWERBANK RENTAL SYSTEM | Engineering Design Project
August 2019 – August 2020 | IIT Jodhpur, Jodhpur
- Worked with a team of 8 members from different domains and ideated this project and worked to come up with a PowerBank Rental System(similar to Yulu)
- Made a soft prototype using Solidworks for the Hardware part of project
- Tech-Stack: **Solidworks, Arduino**

REACT-CRYPTO-TRACKER | Development | Github ↗
Self Project
- A crypto currency tracker made using ReactJS
- The Project uses Coingecko API and also has basic search functionality.
- Tech-Stack: **ReactJS, CSS , HTML**

ACHIEVEMENTS

2020	**Department Rank: 2** as of 2nd Trimsester AY 2020-21
2020	**Institute Summer Challenge** : 1st place for Ideation of an affordable E-Skateboard
2019	**JEE-19:** Qualified in top 0.9% percentile among 13 Lakh JEE aspirants
2018	**12th CBSE:** Scored 97.2% and was declared District Topper
2011	**Medha Pratiyogita by NTPC:** 4th position at National Level Quiz competition

POSITIONS OF RESPONSIBILITY

2021-Present	**Joint Secretary** of the **Video Making and Film Making Club, IIT Jodhpur**
2021-Present	**Student Guide** at the **Student Wellbeing Committee, IIT Jodhpur**
2020-2021	**Student Representative** for the Batch of 2023 in the 1st year

EXTRACURRICULAR

- **Core Member, E-cell** as an active member in Finance and Management division
- Part of Football team of IIT Jodhpur and represented the college at **Inter IIT Sports Meet,IIT Kharagpur, 2019**
- Participated in various Quizzes conducted at IIT Jodhpur
- Core member of Media Team in **Ignus(Cultural Fest)**
- Played Badminton at **State Level** (Madhya Pradesh)
- Won Two Bronze medals at **CBSE Zonal Level** for Football and won 1st prize in Badminton Doubles category at **District Level**