JAYANT CHAUHAN

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Varanasi, Noida

EDUCATION

Bachelor of Technology (B.Tech), Mechanical Engineering (2016 - 2020)

IIT (BHU), Varanasi
CGPA : 8.68/10

XII (Senior Secondary), Science

Year of Completion: 2015
CBSE Board (Ramagya School)
Percentage : 93.20%

INTERNSHIPS

Operation Analyst

Xpressbees (Pune)
May 2019 - May 2019

Research Intern

IISc Bengaluru (Bangalore)
May 2018 - Jul 2018
Numerical solution of Primative variable Equations for incompressible Flow

POSITIONS OF RESPONSIBILITY

- Member, Working Committee, Mechanical Engineering Society , IIT(BHU) Varanasi
  Varanasi.Organised national level quiz for more than 2000 college students across the nation
- PR Executive Kashiytra 2018 Organizing various cultural national and international events.
  Collaborating with various media agencies and other organization including INSHORTS , THE QUINT etc
- Panel Member of Business Club IIT(BHU) Varanasi
- Marketing Head of Kashiyatra 2019 with the responsibility to collect sponsorship from big corporates by organizing brand promotion activity.

TRAININGS

Introduction To Machine Learning By Andrew Ng

Coursera (Online)

Jan 2019 - Present

PROJECTS

Titanic: Machine Learning from Disaster

Apr 2019 - Apr 2019

Project for data science using pandas for data manipulation and Predicting survival on the Titanic

Numerical Solution of Primitive Variable Equations for Incompressible Flow

May 2018 - Jul 2018

Numerical Solution of NS Equation via Finite Volume Method. Studying various schemes which can be applied while solving the Nonlinear partial differential equation such as upwind, quick, exponential, hybrid scheme etc and various algorithm.

Radial Pneumatic Engine

Aug 2017 - Dec 2017

Design and development of 3 cylinder radial Pneumatic Engine

Study of Effect of nano particles on desiccant cooling system (HVAC)

Jan 2019 - Present

Creating a setup for LDAC system which aims in improving the LDAC's cooling efficiency using nanoparticles and by designing the dehumidifier chamber

SKILLS

MATLAB

Intermediate

Python

Intermediate

C Programming

Intermediate

Machine Learning

Beginner

MySQL

Beginner

MS-Excel

Intermediate

ADDITIONAL DETAILS

- Selected for Summer Research Fellow, Indian Academy of Sciences, IISC in mechanical engineering
  Poster Presentation Innovation Incubator, HP- CSR, IIT BHU
  Change of discipline from Chemical Engineering to Mechanical Engineering

- REVIEW PAPER SUBMITTED on "The Recent Systematic Approaches of 3D Printing Technologies"
  Journal: IJAER

- Represented Hostel Football team at the ADEL CUP

- Introduction to Machine learning by Andrew Ng