

Nitesh Kumar Sharma

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EDUCATION

National Institute of Technology, Tiruchirappalli

B.Tech in Metallurgical and Materials Engineering; GPA: 8.22/10

Trichy, India

July 2016– July 2020

SVM Intermediate College

Class XII UP Board; 94%

Gorakhpur, India

July 2014 – May 2015

SKILLS SUMMARY

Languages: Python, C++, SQL, HTML/CSS

Tools: MS Office, Excel, Powerpoint, Jupyter, VS Code, PyCharm, Match 3, MATLAB

Libraries: pandas, NumPy, Matplotlib

EXPERIENCE

Investment Banking Analyst

Verity Knowledge Solutions

Aug. 2020 – Jan. 2021

Hyderabad, India

- Assisted investment bankers of different regions such as US, EMEA and APAC with making pitch books, **financial analysis**, **valuation materials** and **potential acquisition** opportunities
- Performed **comparable company analysis**, **precedent transaction analysis**, bench marking, **financial modelling** and pro forma merger analysis
- Extensively worked on **MS Excel** and **MS Powerpoint** tools

Summer Research Internship

NIT-Trichy

May 2019 – July 2019

Trichy, India

- Worked on a project of **Wire Arc Additive Manufacturing (WAAM)** under Prof Dr. S. Jerome, NIT Trichy
- Analyzed and compared the mechanical and microstructural changes in single walled and multi-walled sample of SS316L, fabricated using **Robotics CMT** based WAAM technique
- Observed that **multi-walled** sample exhibited better mechanical and corrosion property than single walled

Summer Research Internship

IIT-BHU

May 2018 – June 2018

Varanasi, India

- Fabrication of **Nanoparticles** for killing **Cancer cells** using **Hyperthermia** methods
- Project carried out to increase the Magnetic Properties of the **Manganese Ferrite** nanoparticles so that It can kill the cancer cells after injection into the affected area of the human body
- Analysed **XRD** data of the Manganese Ferrite nanoparticles and found sharp increase in Magnetic as well as Temperature property due to **coating** of **Molybdenum** onto it

PROJECTS

Predicting credit card approvals using Machine Learning | *Python, pandas, NumPy* Dec. 2019 – Jan. 2020

- Inspected the structure and numerical summary of data set taken from UCI Machine Learning Repository and Analyzed the Missing Values in the data set using **NumPy**
- For better prediction, numeric missing data were imputed using **Mean Imputation** and non-numeric data were converted into numeric data using **Label Encoding**
- Split the data set into train and test sets and fitted a **Logistic Regression** model to the training set
- Model achieved an Accuracy of 84% and a future scope in **Grid Search** to further the accuracy to 90%

HONORS AND AWARDS

- Secured 1st position in debate on Science and Technology which was conducted by **DST** (2010)
- Winner of **General Science Mega-Quiz** competition with a cash prize and silver medal
- Achieved **2nd** and **3rd** rank in district in class Xth and XIIth respectively
- Qualified 1st stage of **National Talent Search Examination** organized by NCERT, New Delhi
- Secured **3rd** position in Extempore at Festember (2017)