MANORATH LALITKUMAR MESHRAM

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EDUCATIONAL QUALIFICATIONS

Year	Degree	Institute	CPI/%
2018-2022	BS(4year)	Indian Institute of Technology Kanpur	**6**/10
2016-2018	Senior Secondary: CBSE	G.H. Raisoni, Nagpur	79.8%
2015-2016	Secondary: CBSE	Sri Guru Harkrishan Public School, Nagpur	10/10

WORK EXPERIENCE

Udaan | Software Development Engineer   *Aug'22-Oct'22*
- Build a **console-log** in **react** to edit **JSON** file using **ace editor** and integrated **redux** to fetch data from a **JSON** file
- Documented the **development flow** of **UDAAN** to streamline the **development workflow** for fresher during on boarding
- Improved existing kotlin code and fixing bugs to improve user experience on different section of UDAAN APP as electronics etc

INTERNSHIP EXPERIENCE

Urvija AI, Data Monetization (*Sector: Insurance)|(Product Management)* **Mentor: Saurabh Srivastava, CEO Urvija AI**   *May'21-Ju'l21*
- Identify the potential data metrics and develop a roadmap for an automated portal to improve the customer experience of clients
- Identified the **North Star Metric** and **KPIs** of the product to devise the **Business Requirement Document(BRD) and** developed a **Product Requirement Document (PRD)** comprising of all the aspects like **User Interface**, **User Persona**, **RAID Network**, and **Business case study**
- Designed an ML model based on **Supervised Learning** and **Naive Bayes** algorithm to give desired suggestions
- Pitched the product to **ICICI PRUDENTIAL** and **LIBERTY** and receive a positive response with estimated revenue of **246 lakhs**

NOTABLE PROJECTS

Self Project: Machine Learning **Source:** Kaggle (*Github Link*)	**Netflix Visualizations, Recommendations, EDA** *Aug'21-Aug'21* ● Preprocessing the data, inputting missing values, and dimensionality reduction of features ● Applied **exploratory data analysis** and **feature engineering** to generate new domain knowledge ● Used **TF-IDF score** for **feature transformation** to reduce the importance of words that occur frequently ● Filtered the content based on multiple features such as title, cast, director, listed in the plot ● Built a **recommendation system** for Netflix movies and TV shows using **cosine similarity**
Self Project: Machine Learning (*Github Link*)	**English/French Translation: Long Short Term Memory Networks** *Sep'20-Sep'20* ● Preprocessed and cleaned data and then Prepared the data by performing **Tokenization** and **Padding** ● Built a **Seq2Seq** model using **Natural Language Processing(NLP)** to convert words(text) into numbers ● These numbers are then trained by a **Long Short Term Memory** model to give predictions
Self Project: Machine Learning (*Github Link*)	**Fake-News Detection** *Sep'20-Sep'20* ● Performed data cleaning using **Pandas** and **Numpy** and Visualized the clean data using **Word Cloud** ● Used **Natural Language Processing(NLP)** to convert words(text) into numbers ● These numbers are then trained by a **Bidirectional Neural Network** and **LSTM** model to give predictions
Astronomy Club Machine Learning (*Github Link*)	**Stellar Analysis** *May'19-Jul'19* ● Performed data cleaning using **Pandas** and **Numpy** and Performed math operation using **Astropy** ● Analysing **Luminosity**, **B-V indices** and **temperature** of **star cluster** and **cepheids** ● Plotted **H-R diagram** and **Luminosity vs distance plot** using **matplotLib**

TECHNICAL SKILLS

- **Key Skills & Programming Languages/Tools:** Data Structures, Algorithms, Python, SQL, C, C++, HTML, CSS, Javascript, Angular
- **Libraries and Utilities:** Numpy, Pandas, MatplotLib, TensorFlow, Github, Angular, Google Firebase, MS Excel, AutoCAD

POSITIONS OF RESPONSIBILITY

Manager Web, Antaragni, IIT Kanpur (*Website Link: antaragni.in*) *Apr'20-Ma'21*	
Initiatives	● Designed **10 websites** featuring antaragni one of the largest cultural fest in Northern India ● **Registrations** and **Payments** of **8000+** participants and **300+** colleges opting for competitions ● Used **Angular10** + **Firebase hosting** and **cloud Firestore database** with **Material UI Frontend** for websites ● Facebook and Google authentication using **Firebase Authentication** written in **Typescript**

Senior Executive DJ War, Antaragni, IIT Kanpur   *Mar'19-Oct19*

Management	● Successfully organized various events such as **Roadtrips, Pronites, and Color Run** ● Contacted multiple professional participants from all over India
Initiatives	● Organized **events** in major cities such as **Mumbai, Chandigarh, Bangalore, Hyderabad** ● Active **social media engagement** through relevant posts and videos boosted the fest reach by **20 percent**

RELEVANT COURSEWORK

                                                                                                                    online course
- Deep Learning Specialization*
- Front-End JS Framework: Angular*
- Quantum Computing*
- Data Structures & Algorithms*
- Machine Learning for Signal Processing*
- Fundamentals of Computing
- HTML CSS JavaScript for Web Developers*
- Computational Physics
- Linear Algebra

EXTRACURRICULARS

- **Galaxy'19:** Participated and Led a team of 20 Freshers in Group Dance, Dance Drama, and Street Battle events
- **Takneek' 19:** Guided a team of 10+ freshers in all the competitions organized by Astronomy club IIT Kanpur and bagged 3rd position
- **Antaragni'18:** Represented College Dance team in Tour de Force(Dance battle event) 2018 in Antarangi'18 as a part of Freshers' team
- **Secretary, Dance club IITK**: Responsible for the proper conduction of shows, events, helped Helped in management of logistics and workshops