Ajay Kumar Yadav

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ACADEMIC QUALIFICATIONS

Year	Degree	Institution	CGPA/Percentage
2018-2023	Agricultural and Food Engineering	IIT Kharagpur	7.24/10
2018	Class XII (CBSE)	Tagore NRI International School, Jaipur	88.6%
2016	Class X (CBSE)	Raffles International School, Behror	10/10

SCHOLASTIC ACHIEVEMENTS

- Secured **95 percentile** among top **0.2 million** candidates in **JEE Advanced**,**2018** conducted by **Government of India**
- Secured **99 percentile** among **1.2 million** candidates in **JEE Main,2018** conducted by **CBSE**

SKILLS & EXPERTISE

Course Work	Statistical	Data Structures, Probability and Statistics (on going), Economics (on going)
	Online Coursework	Data Analysis with Python (next.tech), Machine Learning by Andrew NG, Introduction to Machine Learning with Python (next.tech), Introduction to Python (Datacamp)
Technical Skills	Programming Languages	C, Python, Kotlin, JavaScript
	Software	MS Office, Solidworks, Photoshop, Illustrator, After Effects, Adobe XD, Git
	Frameworks/ Libraries	Numpy, Pandas, Selenium, matplotlib, seaborn, scikit-learn, ReactJS, NodeJS, NextJS
	Web Development	Performance Optimization, Testing, Web Security, Server Side Rendering, Progressive Web Apps, Code Analysis, Lighthouse Audit, Chrome Developer Tools, Web Scraping, UI/UX, Design
	Systems	Windows, Ubuntu, Linux, Firebase, Netlify, Heroku
Data Analysis with Python		• Got introduced to Linear Regression & studied the use of linear regression in **Exploratory Data Analysis** • Developed knowledge of Linear Regression through an example of **Stock and House Price Prediction** • Performed **regression trees** for housing data and performed scientific calculation using SciPy • Studied data analytics and data cleaning using **NumPy** and **Pandas** • Produce informative and useful visualizations for analyzing data using **matplotlib** and **seaborn** • Perform common scientific calculations using **SciPy** • Build predictive models and understand the principles of predictive analytics using **scikit-learn**

PROJECT AND WORKSHOPS

IIT TECHNOLOGY AMBIT   **(JULY 2019- DECEMBER 2019)**

- Worked on the **ReactJS** to build **a website for the IIT Tech Ambit**
- Collectively **Designed and Developed** the fully functional **Magazine website** also offering Newsletter service

POSITIONS OF RESPONSIBILITY

CORE TEAM MEMBER | INTER IIT SPORTS MEET | IIT KHARAGPUR   **(AUGUST 2019- PRESENT)**

- Worked under **the President - Gymkhana** on 3 fronts: Sponsorship, Database Management and Operations
- Organized a 9-day event**, 54th Inter IIT Sports Meet** for the 23 IITs witnessing a more than 3000 students
- Collectively Raised **INR 3.5 Million** through **Corporate Engagement Programme** for the 54th Inter IIT Sports Meet, 2019
- Responsible for Publicity and Branding of **45 companies** on three fronts – Pre-Meet, During Meet & Post Meet Publicity
- Introduced **Live Streaming, Live Score update** (App & Website) and **Adventure Activities** from Sponsorship raised
- Planned and Executed **548 Sporting Events, 9 Cultural nights** including **International artists & 8 Guest Lectures**

SUB-HEAD, TECH TEAM | SPRING FEST | IIT KHARAGPUR   **(JULY 2019- PRESENT)**

- Collectively made the fully functional **NWP website** for Spring Fest 2020 in **ReactJS**
- Collectively made the **Mobile Progressive Web Application** including **Dashboard support** in **ReactJS**

EXTRA CURRICULAR ACTIVITIES

Tech	• Secured **Gold** in **Social Campaign Design Competition** held in **IIT Guwahati** in September 2019 - Recommended amendments, envisaged a model of courts and tribunals & devised a campaign to ensure balance between controlled censorship and free speech
Social & Cultural	• Secured **Silver** in **NSS** Camp organized by IIT Kharagpur in December 2018 • Secretary in Illumination in Pandit Madan Mohan Malaviya Hall of Residence • Part of Dramatics team and stood 4th in Inter Hall General championship Competition