ABHISHEK KUMAR

https://abhishek540.github.io/

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EDUCATION

National Institute of Technology, Hamirpur, India	*Aug,2018-May,2023*
Integrated B.Tech + M.Tech in Computer Science & Engineering	*CGPA: 8.27*
St. Michael's High School, Patna	*July,2015-May,2017,* **85.6%**
Ramakrishna Mission Vidyalaya, Narendrapur, Kolkata	*Jun,2015,* **92.3%**

WORK EXPERIENCE

RESEARCH INTERN AT N.I.T. HAMIRPUR (Ongoing)　　　　　May,2021-Present

- Working under Dr. Nitin Gupta in the field of I.O.T. and A.I. for developing a smart panel to protect crops automatically from wild animal attacks and locust attacks.

RESEARCH WORK

Pesticide Recommendation based on Pest Recognition using Machine Learning and Deep Learning(communicated)　　　　　Image Processing
Images are classified and marked into 8 types of Pests.　　　　　*Matlab, Python, Keras*

- Conceptualize an algorithm after initial comparison between Deep Learning and GLCM feature-based statistical model.

PROJECTS

Data Analysis Report　　　　　Data Visualisation
Analysis and Report generation　　　　　*Pandas, Plotly,Tableau, Dash*

- Designed analytic Report for various datasets procured from open source repository.

Sentiment Analyser　　　　　NLP
Analyze the sentiments of review (+ve/-ve)　　　　　*Python, NLTK, Heroku, Flask*

- Computed and deployed Logistics based model with 75% accuracy to audit the comments.

SKILLS

Computer Languages	Python, C/C++, JavaScript, MySQL, R
Tools & Technology	Data Analysis / Image Processing / Statistics / Sci kit / Web Scraping
	Adobe products / Tableau / MS Office/ Git / HTML / CSS / Latex

VOLUNTEER WORK

- Supervised as **Co-coordinator** in college Media and Creative Cell, Pixonoids.

- Enlisted to **design the web portal** for H.P Athletics Association(HPAA).

- **Developed Automatic Hand Sanitizer Dispenser** that can detect Human-body temperature, successfully installed at various academic departments.

OTHERS

To exhibit my sub-conscious mind, love to **illustrate Graphics**.

love to read and watch **political Drama**.