

Chirag Sharma

International Institute of Information Technology Naya Raipur

chirag19102@iiitnr.edu.in | +91-9354098917



Education

	Course	Institution	Year of Passing	Grade/ GPA
UG	B.Tech in Data Science and Artificial Intelligence	IIIT Naya Raipur	Expected by 2023	8.30 (CGPA)
SSC	Class 12 - CBSE	JKG International School, Indirapuram	2018	94.2%

Academic Projects

- **Automatic Light-opening Corridor** | Guided by: Dr. Manoj Kumar Majumder (2nd Semester)
Motion detection by motion sensors through infrared radiation, automatically opening and closing of light bulbs or leds within a corridor.
- **Crop Health Analysis using Raspberry Pi** | Guided by: Dr. Debanjan Das (2nd Semester)
Devised a significantly low-cost commercial bot for crop health analysis using Raspberry Pi, and infrared camera using the concept of NDVI. (Normalized Difference Vegetation Index)
- **Emotion Detector Using Computer Vision** | Guided by: Dr. Debanjan Das (1st Semester)
Made a emotion detecting program which uses facial recognition using computer vision (i.e. OpenCV)
- **Data Analysis on Global Development** (2020)
Project on Data Analysis using the raw data on global status and after cleaning and visualization, gave a simpler relationship and trend among different countries, at different times, for different parameters.
Link for project: "<https://jovian.ml/chiragsharma1690/global-development>"
- **Keyword Extraction (NLP)** (2020)
Project on selection of keywords from a given list of text in excel file.
Link for project: "<https://github.com/cchiraag/keyword-extraction/tree/main>"

Activities, Leadership and Recognition

- **Student Volunteer** | SCInTFIC-2K19
Volunteered the event along with a team of 30+ members for the conduction of the science and technology exhibition at college campus that motivated a gathering of 500+ school students and eminent guests on campus.
- **Teaching Assistant (2019)** | Guided by: Dr. Sresha Yadav (1st Semester)
Due to proficiency in English language, guided fellow batch mates with the language proficiency and vocabulary.

Skillset

- **Programming Languages** | C, Java, HTML, CSS, JavaScript, Python, R
- **Software** | Arduino IDE, OpenCV, MS Word, MS Excel, Jupyter Notebook and Git.
- **Data Science** | Numpy, Pandas, Matplotlib, Seaborn

Soft Skills and Abilities

- Basic knowledge on networking and cloud computing (AWS)
- Full keywords typing proficiency to 40-45 wpm.
- **Full working proficiency (Languages)** | English, Hindi, Spanish (Basic)
- Team work, Leadership, Diligence, Zealot, Receptivity, and a good learner.