

Rohan Chittora

B.Tech – Computer Science & Engineering (NIT Allahabad)

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• [LinkedIn](#)

• [Github](#)



EXPERIENCE

Ultimate Kronos Group, Noida

Sr. Software Engineer – Data Scientist

August 2020 - Present

Size categorization of clients:

- Categorization of clients into small, medium and large organisations based on features like number of employees, business area, revenue, profit, etc. using Logistic Regression.
- Did Univariate, bivariate and multi-variate analysis of the features of the clients.
- Techniques Used: Logistic Regression, Support Vector Classifier

Predict my pay:

- To predict the future estimation of payroll of clients based on their age, past year investments, expenditure details, etc.
- Done EDA and Preprocessing for highly complex US payroll dataset.
- Techniques Used: Regression algorithms like Linear Regression, Ridge, Lasso Regression, Random Forest Regression.

US Payroll:

- Done automation to automate the similar tasks to reduce team effort from 2 days to 5 min.
- Worked closely with other business analysts, development teams and infrastructure specialists to deliver high availability Solutions for mission-critical applications.
- Led software development initiative as subject matter expert and primary point-of-contact for project management staff.

PROJECTS

Smart Farm Management System

- Working on a prototype for farm management system which can utilize existing govt soil health cards for input of different nutrients the soil of land.
- Recommend best suitable crop for high yield using ML techniques.
- Provides complementary services like alert when irrigation is required using installed sensors and disease detection in crops using ML techniques.
- Skills Used: SQL, IoT, Regression, Classification
- Project Link: [Smart Restroom Management](#)

Society Energy Score Prediction

- Predicted the scores for energy efficiency of different societies based on more than 60 features
- Done EDA and Preprocessing for highly complex dataset and achieved MAE of 8.4
- Techniques used: Linear Regression, Ridge, Lasso Regression and got the best results with Random Forest Regression.
- Project Link: [Society Score Prediction](#)

EDUCATION

NIT Allahabad — B.Tech

Computer Science and Engineering

JULY 2016 - MAY 2020 **CGPA – 7.84**

Decent Public Sr. Sec. School, Baran

12th - APRIL 2015 - APRIL 2016 - **89.6%**

10th - APRIL 2013 - APRIL 2014 - **86%**

SKILLS

- **Programming Language:** Python, Java, CPP
- **Data Science:** Machine Learning, Statistics, Data Visualization, SQL, Numpy, Pandas, NLP
- **Miscellaneous:** Git, Jira, Jupyter Notebook

ACHIEVEMENTS

- Machine Learning Certificate by Coursera
- Stats & ML certificate by Learnbay
- Python for Data Science Certificate by Learnbay
- State Talent Search Exam Scholar
- JEE Mains 2016 Rank – 2702
- Winner in nukkad natak (Dramatics) in college fest Culrav

EXTRA-CURRICULAR

- Reading Books, Watching Movies & TV Series, Cycling