

# YASH ROHAN

Data-Analyst

## CONTACT

- 9576114110
- yashrohan001@gmail.com
- www.linkedin.com/in/yash-rohan- 226678252

## PROFILE SUMMARY

Passionate ML engineer adept in crafting and implementing diverse ML concepts from scratch. Proficient in regression, classification, and neural networks. Skilled in Python and data analysis libraries. Excited to apply expertise in a professional environment.

## EDUCATION

- MANIPAL INSTITUTE OF TECHNOLOGY
  - B.Tech in CSE (AI & ML).
- JAWAHAR VIDYA MANDIR SHYAMALI
  - Secondary Senior Certificate
- ST, THOMAS SCHOOL, DHURWA
  - Secondary School Certificate

## KEY SKILLS

- Python and other ML related libraries
- Mathematical Foundation of ML
- Understanding of ML Algorithms
- Mathematical Analysis of DL
- Data Visualization Techniques
- Database Design

## SOFT SKILLS

- Research Skills
- Adaptability
- Critical Thinking

## CODING LANGUAGES

- Python
- C/C++
- Java
- SQL Plus

## PROJECTS

- Authored two review papers on mathematics focusing on Machine Learning topics such as Singular Value Decomposition (SVD) and Fast Fourier Transformation (FFT).
- Developed various ML concepts like regression, classification by only using libraries like numpy and pandas.
- Made and implemented an email classifier algorithm from scratch including functions like Gradient Descent and Binary Cross Entropy Loss which improved the accuracy from 85% to 92% (7% improvement).
- Made a shopping platform with front end implemented by Python tkinter and backend managed by SQL Plus.
- Made a Labyrinth explorer and analysed the efficiency of the same when used with different types of Searching Algorithms.
- Made a Library Management System implemented by Java-Fx.

## PROFESSIONAL EXPERIENCE

- IIMUN-Juniour Intern
- Have performed MUNs in several diverse roles such as a Delegate, a Chair and an Organizing Committee member.
- Took on different initiatives in the field of debating.