DEVANSH MATHUR

> DEEP LEARNING AND MACHINE LEARNING ENGINEER

> PYTHON PROGRAMMER

CONTACT 🌐

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- Devansh Mathur

EDUCATION

Bachelor of Technology in Computer Science

Manipal University Jaipur

2021-2025

SKILLS

- Python
- TensorFlow, Keras
- Reinforcement Learning
- C, C++, Java
- Hashcat *(Kali Linux)*
- Google Firebase
- MySQL, SQLite
- GNU Octave *(ML)*
- HTML, CSS

ACHIEVEMENTS

- Codechef Rating - 1888 (★★★★)
- Codewars Ranking - 3 kyu (Top 3.3%)
- 5 ★ in Python, 5 ★ in Problem Solving at HackerRank.
- Qualified for Round 1 of Google Code Jam *(4780th)* and participated in Google Kickstart *(4888th)* and Google Hash Code.
- Certifications:
  - Machine Learning - Stanford University *(Nov. 2021)*
  - Scientific Computing with Python - FCC *(Jan 2022)*
  - Data Structures and Algorithms - Jovian *(2021)*, University of California Santa Cruz *(2022)*
  - Cybersecurity Task - Goldman Sachs *(July 2022)*

EXPERIENCE

Head of Information Technology and Data Analytics
IAESTE (International Association for the Exchange of Students for Technical Experience)
2022-Present

Data Science And Business Analytics Intern
The Sparks Foundation
Nov - Dec 2022

Machine Learning Intern
Suvidha Mahila Mandal
Nov - Dec 2022

PROJECTS

Edlexic
Smart education to help dyslexic students.
Python (Tkinter, Text-to-Speech, smtplib, PIL)

Sicurezza
Provides safety for Indian women at night with live location tracker and SOS sender.
Python (PyQt5, Tkinter, gmplot, smtplib, pandas)

Machine Learning Models
- Neural Network Models
  - *Decision Making for Autonomous Vehicles*
  - *Fashion Images classification*
  - *Handwritten Letter Detection*
- Models using LGBMRegressor, KNN and KMeans.
- Linear Regression - Predicting CO_2 Emissions.

Python (SkLearn, NumPy, pandas, matplotlib), GNU Octave