Yash Ruparelia

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EDUCATION

VIVEKANANDA GLOBAL UNIVERSITY
B. Tech in Artificial Intelligence
2019 - 2023 | Jaipur, Rajasthan
Grade: 9.07 CGPA

FAITH ENGLISH HIGHER SECONDARY SCHOOL
GSEB (Class XII)
2019 | Himmatnagar, Gujarat
Grade: First Division
GSEB (Class X)
2017 | Himmatnagar, Gujarat
Grade: Distinction

SKILLS

TECHNICAL
Experienced
Python (Pandas | Numpy | OpenCV | Tensorflow | Paramiko | Smtplib | Psutil | Pymongo | Pytorch) • Linux • C • HTML/CSS • Artificial Intelligence • API
Intermediate
DSA • Latex • Git/Github
• Machine Learning Algorithms
Familiar:
Java • MongoDB • Nodejs • MySQL • Django

COURSEWORK

UNDER GRADUATE
Advanced Machine Learning
Software Engineering
Formal Language & Automata
Cloud Computing
Compiler Designing
Fuzzy Logic and Applications
Computer Networks
Big Data Analytics
Natural Language Processing

LINKS

Github: **yashpatel15**
LinkedIn: **Yash Ruparelia**
HackerRank: **YashRuparelia**

LANGUAGES

• English
• Hindi
• Gujarati

EXPERIENCE

VMUKTI SOLUTIONS PVT. LTD. | AI/ML Intern
Feb. 2023 - May 2023 | Ahmedabad, Gujarat
- Created customized machine learning applications using Python, Nodejs, and OpenCV, focusing on YOLO versions (v3, v5, v7 & v8) and MobileNet SSD Model for EVM Machine & Box Detection with over 50,000 Images. Managed embedded systems and around 500 cameras using PuTTy & KiTTy, gaining knowledge of RTMP and RTSP protocols.
- Studied new technologies to support machine learning applications and Collaborated with multi-disciplinary product development teams to identify performance improvement opportunities and integrate trained models.
- Researched, designed and implemented machine learning applications to solve business problems and documented software development methodologies in technical manuals to be used by IT personnel in future projects.

APPWARS TECHNOLOGIES PVT. LTD. | Data Science Intern
Jun. 2021 - July. 2021 | Noida, Uttar Pradesh
- Gained practical knowledge about how to clean, transform and format data sets for analysis.
- Researched and applied how statistical techniques and data visualization tools used to identify patterns, trends, and relationships in the data.
- Analysis done around real-world scenarios, where the skills were applied to solve business problems using machine learning, predictive modeling, and data mining.

PROJECTS

AUTOMATED ATTENDANCE MARKING SYSTEM | Team size - 2
Oct. 2021 - 7 Days | Jaipur, Rajasthan
- This is the AI Based **Automatic Attendance Marking** Project which reduces the old and hectic one by one marking system.
- Link: Attendance System

HUMAN DETECTION USING YOLO | Team size - Self
Feb. 2023 - April. 2023 | Ahmedabad, Gujarat
- Utilized a pre-trained YOLOv7 model for human detection in the project and Fine-tuned the pre-trained model to improve its accuracy for detecting humans in the given context.
- Achieved successful results in human detection using the pre-trained YOLOv7 model and with approx 40,000 images and fine-tuning techniques.
- Link: Human Detection Using YOLOv7

AWARDS

July 2022	Runner Up	Smart India Hackathon Final 2022
Oct. 2021	1st/80+	ACIC-VGU Hackathon 2021
Nov. 2014	Runner Up	District Level in Badminton
Dec. 2010	3rd Kyu Junior Brown Belt	Shito-Ryu Karate

POSITION OF RESPONSIBILITIES

Oct. 2019 - Feb. 2021	Vice-President	Vivekananda Social Service Association
Feb. 2020 - 10 Days	Head-Coordinator	Technical Events, Panache
Feb. 2021 - Feb. 2022	Tutor	Swaruchi Club