

Kashvi Jain

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EDUCATION

IIT JODHPUR

BTECH IN COMPUTER SCIENCE

Expected 2025 | Jodhpur, India

CGPA: 7.92 (till 4th sem)

CLASS 12 | CBSE

2021 | Ganganagar, India

Grades: 95.6%

CLASS 10 | CBSE

2019 | Ganganagar, India

Grades: 97.8%

LINKS

Github: kashvi0

LinkedIn: Kashvi Jain

COURSEWORK

Pattern Recognition and Machine Learning

Software Engineering

Human Machine Interaction

Data Structures and Algorithms

Mathematics for Computing

Probability, Statistics and Stochastic Processes

SKILLS

PROGRAMMING

C • C++ • Python • Javascript • Verilog

LaTeX

WEB DEVELOPMENT

HTML • CSS • Javascript • Node.Js

React.Js

MACHINE LEARNING TOOLS

CNN • PyTorch • Numpy • Pandas

OpenCV • Scikit-learn • Tensorflow

SOFTWARES

Autodesk TinkerCAD • AMD Xilinx Vivado
Solidworks

TECHNOLOGIES

Git • Github

EXTRA CURRICULAR

- Assistant Head – Varchas'22
- Member – Alumni Relations Committee
- Member – Literature Society
- Member – Art Society

PROJECTS

DIGITAL FOOD EXPERIENCING USING AR/VR | ML PROJECT

Sep 2022 - Dec 2022 | Github Link

- Built and trained a model to precisely identify various food items in real time using SSD MobileNet.
- Also; an XML file would be sent to the diffuser to generate smell of the specific food item

Technologies used: Tensorflow, SSD Mobilenet, Pycocotools, Object Detection, Python

COVID-19 PREDICTION | ML PROJECT

April 2023 | Github Link

- Built a machine learning pipeline which takes in X-ray images of lungs, and classifies them as covid positive or normal.
- Created masks of the images to improve accuracy.

Technologies used: Python, TensorFlow, OpenCV; Scikit-learn; TQDM; CNN

IITJ BAZAAR | WEBD PROJECT

Feb 2023 - April 2023

- Built an e-commerce website for IITJ students to buy and sell used items.
- Login using express sessions and bcrypt. Also added product cart and wishlist.
- Separate interface for buyer and seller.

Technologies used: NodeJS, Express, MongoDB, HTML, CSS; Javascript

EMAIL SUMMARIZER | ONGOING PROJECT

May 2023 - Present

- Building a Chrome extension that summarizes the emails when you hover over them.
- An option to generate a response to that mail.

Technologies used: Javascript; HTML; CSS; OpenAI API; Gmail API; Google storage API

UNSUPERVISED LEARNING ON COUNTRY DATA | ML PROJECT

March 2023 | Github Link

- Built a clustering algorithm to categorise the countries using socio-economic and health factors that determine the overall development of the country.

Technologies used: Python, Pandas, Scikit-learn and other Machine Learning Tools

ACHIEVEMENTS

- Team selected in Top-6 in Hackathon in INEA Youth Conclave 2022 held in IIT Jodhpur.
- Won gold medals in maths, science and english SOF olympiads (IMO, NSO, IEO) in two consecutive years.