

762388-8199
Ahmedabad, Gujarat
pratishthagaur03@gmail.com

Pratishtha Gaur

Computer Science Student

GitHub
LinkedIn

A passionate and committed student with a bachelor's degree in computer science (3rd year) bringing in machine learning and image processing experience, eager about working with data and related fields.

SKILLS

Tools and Languages	Python, C++, C, HTML, CSS, JavaScript, PHP, Data collection, MySQL, \LaTeX , Visual Studio Code, Pycharm
Frameworks	Flask, Tensorflow, PyTorch, Scikit Learn, Bootstrap
Libraries	Matplotlib, Panda, Numpy, Mediapipe, OpenCV

TECHNICAL EXPERIENCE

Research Intern Jan 2022 — Present

Vellore Institute of technology

- SAR Image Classification Research
- Modifying GANs to improve classification accuracy.
- Tested and trained on RISAT-1 data resourced by ISRO.

Machine learning Intern Jun 2021 — Aug 2021

InfyU labs, Gandhinagar

- Model Selection for Apple-Defect-Detection using image processing
- Data Collection using web scraping, web crawler
- Classification as per quality specifications
- Deployed machine learning model as RestAPI

PROJECTS

Impact Analysis of Different Social Media Platforms Jan 2022 — Present

Python libraries, APIs

- Data collection and analysis on advertisement reach.
- Mapping apt target group with social media platforms.
- Results based on different demographics - age, gender and socioeconomic structure.

Application of Intelligent Gym Trainer Aug 2021 — Oct 2021

PoseNet, Flask, YoloV4, HTML, CSS

- Embed posture correction features in home workout application
- Posture correction of 17 joints, through PoseNet
- Provide verbal and visual feedback for correction.

Web App QuImpress - A CV/Portfolio Builder Apr 2021 — May 2021

HTML, CSS, Javascript, PHP, API, Bootstrap, MySQL

- Hand-crafted and customizable resume/web portfolio builder.
- Linked with job portal
- Providing global reach to the job seekers.
- Accompanied with admin dashboard for data analysis.

EDUCATION

BTech in Computer Science and Engineerings, Vellore Institute of Technology Jul 2019 — Present

CGPA 9.14

Higher Secondary Education, Podar International School 2015 — 2019

AISSE 90.4%

AISSE 95%

ACTIVITIES

Author at Medium

Social Work Volunteer at Catch Foundation, Ahmedabad

Engaged with NGO, HumanKind

Trained classical dancer

Active participant in various cultural activities