

Heet Shah

Mail : heetshah221@gmail.com | LinkedIn : heet-shah-16338515b | ph : (+91)9687383816

EDUCATION

NIRMA UNIVERSITY

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE
AND ENGINEERING

Expected May 2021 | Ahmedabad, Gujarat, India

WORK EXPERIENCE

MEDITAB SOFTWARE PVT. LTD. | DOSEPAKER - MACHINE LEARNING INTERN

Nov 2019 - Present | Ahmedabad, Gujarat, India

- Project includes Automation of seal packing - building of Machine brain that can identify pills-different types of tabs inside the box, how many pills are there, location of those pills, classification and masking of those pills.
- Tedious task is to form a Generalized Feature Extractor that can adapt new classes Dynamically at run time.

INFIVOLVE INC. | VIRTUAL EXERCISE TRAINER December 2019 - March 2020 | United States (Remote Work)

- Task is to construct a reliable virtual Exercise Trainer which can classify different types of exercise in Real time, different body key points identification and pose estimation, telling about dominant body arm or part and give a proper feedback according to them to correct it.

COMPUTER SOCIETY OF INDIA (CSI) | Ahmedabad, Gujarat, India

- Public Relation Officer (Core Member) | November 2019 - Present
- Group Member | June 2018 - October 2019

SKILLS

TECHNICAL SKILLS

Proficient with:

C • Java • Python • MatLab • Octave
Numpy • Pandas • Scipy • Matplotlib • Sklearn
Tensorflow • Keras • Pytorch
Git • AWS • Heroku • Flask
HTML • CSS • JavaFX • Swing • Linux

Familiar with:

C++ • JavaScript • Blockchain • Crypto Currency

SOFT SKILLS

Leadership • Public Speaking

LANGUAGES

PROFICIENCY LEVEL

Native proficiency:

Gujarati • Hindi

Working proficiency:

English

RESEARCH GROUP

DEEP LEARNING RESEARCH GROUP, NIRMA UNIVERSITY | MEMBER AMONGST 20

January 2019 - Present

- Work in different domain, Explore different Research Paper and Real Life Problems solution using Deep Learning || Under Dr. Priyank Thakkar

PROJECTS

KINSHIP RELATIONSHIP IDENTIFIER | kaggle Competition | May 2019 - July 2019

- Kinship Relationship - To predict whether two persons are BLOOD RELATED or not using Face photos.
- Accuracy : 90% on unknown data (Even humans find it difficult to predict kinship relationship)

HACKATHON | Ingenious Hackathone | IEEE | Ahmedabad University | March 2019 | March 2020

- Research Paper Necessary Details Extraction : Abstract, Author name, Title, Summary
- Disease diagnosis: Provide a generalize diseases (130) detector from the Symptoms | ML-DL, Database, Flask

HUMAN EMBRYO AUTOMATION (IVF TREATMENT) | June 2019 - December 2019 NOVA IVF HOSPITAL, AHMEDABAD

- Right now Human Embryo Grading is a manual process and it's varied from person to person with different types of grading technique. So the Aim is to provide Embryo Grading System, which is more robust and generalized with maximum Accuracy.

CUSTOM DATA OBJECT DETECTION | May 2019

- Project includes Custom object detection which are not present in COCO-80. Dataset Preparation : Google Images are Bounded by YOLO ANNOTATION TOOL. Model was trained from the scratch with YOLOv3 built-in configuration file.

TOXIC PART OF COMMENT | April 2020 BERT - ROBERTA MODELS

- Very simple project we know that the Sentiment Classification from comments, But more importantly need to understand that which part of comment is responsible, that leads to particular classification.
- Project involves extraction of segment from comments using BERT Model.

LIBRARY MANAGEMENT SYSTEM | January 2019 JAVA FX AND DATABASE

- GUI - Using Java Swing Application
- Back end - MySQL Database