

Heet Shah

Mail : heetshah221@gmail.com | LinkedIn : [heet-shah-16338515b](https://www.linkedin.com/in/heet-shah-16338515b) | [WorkSpace](#) | ph : (+91)9687383816

EDUCATION

NIRMA UNIVERSITY

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE
AND ENGINEERING - GPA: 8.5/10
Expected May 2021 | Ahmedabad, Gujarat, India

WORK EXPERIENCE

MEDITAB SOFTWARE PVT. LTD. | DOSEPAKER - AI/MACHINE LEARNING RESEARCH INTERN

Nov 2019 - May 2020 | 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. | SOFTWARE ENGINEERING INTERN May 2020 - August 2020 | United States (Remote Work)

- Task is to construct a reliable virtual Exercise Trainer which can classify different exercises in Real time, identify body keypoints and pose estimation, telling about dominant part of body and give a proper feedback according analysis to correct it.
- Construct exercise testing and analysis environment using Flask, HTML, CSS, Javascript, and python

SKILLS

- **Interest:** Artificial Intelligence, ML-DL, Competitive coding, Frontend, Web development, UI/UX, Full Stack Developer, Open source
- **Languages:** C, Java, Python, Octave, Matlab, HTML, CSS/SCSS, Javascript, Bash-Shell Scripting
- **Tools/Frameworks:** Numpy, Pandas, Tensorflow, Keras, Pytorch, Scipy, Matplotlib, Sklearn, AWS, Git, Flask, Heroku, Vscod, Bootstrap, React, OpenCV, Linux, JavaFX, Swing
- **Soft Skills:** Leadership, Public Speaking, Initiative, Positive thinking, Can do Attitude, Fast Learner

ACHIEVEMENTS AND LEADERSHIP

COMPUTER SOCIETY OF INDIA (CSI) |

Ahmedabad, Gujarat, India

- Public Relation Officer (Core Member) | November 2019 - Present

CAMPUS LEAD: SCALER ACHIEVER CLUB | INTERVIEWBIT

March 2020 - Present

- Being the part of the scaler achiever club, the responsibility is to make user-friendly environment for activity driven by the finest product of an InterviewBit.

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 Artificial Intelligence || 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% | Tensorflow, Keras, OS, Glob, Pandas, Numpy

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

- Research Paper Necessary Details Extraction : Abstract, Author name, Title, Summary | NLP, SpaCy, OCR
- 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.
- Tools/Motive: Flask, Heroku, CNN, LSTM, OCR, Sklearn, Deployment, HTML, CSS, Social Welfare

CUSTOM DATA OBJECT DETECTION | May 2019

- Project includes Custom object detection which are not present in COCO-80 classes. Model was trained from the scratch with YOLOv3 model configuration file | Google Images, YOLO ANNOTATION TOOL, DL

TOXIC PART OF COMMENT | April 2020 BERT - ROBERTA MODELS | TRANSFORMER

- The Sentiment Classification from comments is an elementary project, But more importantly need to understand that which part of comment is responsible for the particular classification.
- Project involves extraction Toxic part of comment phrases using BERT/RoBERTa Models | NLP

RESUME MANAGEMENT PORTAL | January 2020 PYTHON | FAST-API | HTML | CSS | JAVASCRIPT

- The Portal will Rate Resumes in 10 scale and matches skilled candidate as per the company requirements.