Heet Shah

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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 | India | Python,ML-DL,Flask

- Project includes Automation of seal packing - building of ML-DL prototype 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.

CREST DATA SYSTEMS | Software Development Intern | ELK Stack - NOSQL, Splunk, Python
Jan 2021 – Present | India (Remote Work)

- Project is to Migrate ELK server data to Splunk server, and automate the migration process by just one click.
- To enhance one of the product tool to satisfy the criteria and enhance the features.

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 xercise testing and analysis environment using Flask, HTML, CSS, Javascript, and python

SKILLS

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

ACHIEVEMENTS AND LEADERSHIP

Computer Society of India (CSI)
November 2019 – November 2020
- Public Relation Officer (Core Member)

Campus Lead: Scaler Achiever Club | InterviewBit
March 2020 – March 2021
- 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.

PROJECTS

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

FEATURED PHOTOSHOP PORTAL | June 2020
GANs| Python| Flask| BootStrap| CSS| JS| SQL

- Project involves, GANs (Generative Adversial Networks), to Dehaze and enhance picture quality of blurred, foggy and noisy images at the core side, with filtered views like Vintage, Sin city, Pinhole, clarity etc.
- Photos can be tagged, downloaded, with all types of ordinary effects and filters.

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.