Deval Shah

Portfolio 🔗 ⚙ Ⓜ

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EDUCATION

School of Engineering and Applied Sciences,Ahmedabad University Gujarat, IN
Bachelor of Technology in Information and Communication Technology; GPA: 3.34/4.33 *Aug. 2014 – May. 2018*

Asia English School Gujarat, IN
Higher Secondary Education; 92.15% *June. 2012 – March. 2014*

EXPERIENCE

Uncanny Vision Bengaluru, IN
Machine Learning Intern *Jan 2018 - May 2018*

- Performed bug fixes for stability issues while running multiple instances of Automatic Number Plate Recognition(ANPR) system from same machine.
- Designed and implemented linear motion tracking model in ANPR system and managed to handle repeat license plates issue.
- Modified the architecture of OCR model and improved the accuracy of overall system.
- Developed a report generation tool for generating reports for any time duration.
- Curated different testing and validation sets for ANPR system to analyze the performance of the system.

Whitepanda Gujarat, IN
Freelance Technical Writer, Remote *Jan 2018 - Mar 2018*

- Curated articles,blogs, etc. on the basis of client's preferences on the topics related to upcoming technologies.

School of Engineering and Applied Sciences,Ahmedabad University Gujarat, IN
Teaching Assistant- Data Analytics and Visualization *Aug 2017 - Dec 2017*

- Presented tutorials on data mining tools such as weka, rapidminer etc.
- Curated programming assignments and solutions for the students.

PROJECTS

- **Automatic Number Plate Recognition**: An end to end system for recognition of text on Indian number plates.
- **Pedestrian Detection**: Azure based pedestrian detection tool to detect people in z video using Yolo v2 framework.
- **Visual Question Answering**: A deep learning system that answer questions based on an image built using Keras.
- **Face Recognition**: Face recognition system was developed using Eigen faces algorithm in Matlab.
- **Gesture Controlled Robot**: Robot built using Atmega32 chip controlled using 3 axis accelerometer sensor.
- **Reverse Osmosis Warehouse Management**: Designed an end to end software solution for inventory management.
- **Text Encryption Tool**: Encryption tool for text files built using AES encryption algorithm in Java with GUI.

PROGRAMMING SKILLS

- **Languages**: Python, C++, C, Java, Matlab, Shell   **Frameworks**: Azure, Caffe, Torch, Djnago, Flask