DIYA **PATEL**

MACHINE LEARNING ENGINEER

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Passionate machine learning engineer with 3+ years of experience in building, training and predictive modeling. I want to utilize my skills and seek a position in a high-quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

EXPERIENCE

EMBEDDED ENGINEER, SCALEDGE PVT LTD (PERFECTVIPS)   **JUNE,2019 – TILL DATE**

- Good Experience in Python, Machine Learning, Deep Learning, Computer Vision, Natural Language Processing (NLP) and Audio Analytics.
- Experience in Data preprocessing, Annotation, Training the model and deploy in embedded boards.
- Experience in processing CSV, XML and XLS datasheets using Python.
- Working experience in Python libraries Pyaudio, NLTK, TensorFlow, NumPy, Pandas, OpenCV, Librosa, Keras, Torch, scikit-learn.
- Working experience in Python modules OS, Sys, Math, Time, Json, Lxml, Requests, Threading.
- Working experience in frameworks like CNN, RNN, PyTorch, Darknet, U-Net and Yolov3, TensorFlow object detection API.
- Experience of YOLO and SSD object detection Algorithm and classifiers of keras and PyTorch.
- Experience in Machine learning tools like Google colab Notebook, Spyder, Jupyter Notebook.
- Working Experience with Jenkins, GIT and JIRA.
- Good Experience with PEP-8 and Google coding Guidelines in python.
- Experience in HTML and CSS.
- Experience in Flask Web Framework.
- Working Experience in Windows, Linux, Android OS.
- Working Experience in embedded boards such as Raspberry Pi and Nvidia Jetson Nano.

INTERNSHIP

BISAG (BHASKARACHARYA INSTITUTE FOR SPACE APPLICATIONS AND GEO-INFORMATICS)

- PERIOD:- 1 YEAR
- PROJECT: GST AWARE ANDROID APPLICATION

EDUCATION

M.TECH. – COMPUTER ENGINNERING, DHARMSINH DESAI UNIVERSITY
2018-2020
7.1 CGPA

B.E. – COMPUTER ENGINNERING, SVBIT, GUJARAT TECHNOLOGICAL UNIVERSITY
2014-2018
8.5 CGPA

HSC, SHARDA MANDIR, KAPADWANJ
2012-2014
71.20 %

SSC, SHARDA MANDIR, KAPADWANJ
2012
94.20%

SKILLS

- ✓ **Programming Languages:** Python (Core, OS, Sys, Math, Time, Json, Lxml, Requests, Threading, Scikit-learn, Librosa, Pyaudio, NLTK, NumPy, TensorFlow, OpenCV, Keras, Pandas), C, C++, JAVA(Basic), Golang.

- ✓ **Databases:** MySQL, SQLite, Firebase, MongoDB

- ✓ **Tools:** Google Colab notebook, Spyder, Jupyter Notebook, Orange Canvas, ANDROID studio, MATLAB, Pycharm, LabelImg

- ✓ **Frameworks:** CNN, Darknet, RNN, Pytorch, U-Net, SSD, Yolov3, TensorFlow API

- ✓ **Web Frameworks:** Flask

- ✓ **Web Technologies:** HTML, CSS, PHP

- ✓ **Operating System:** Windows, Linux, Android

- ✓ **CI/CD Tools:** Git, Jenkins and JIRA

- ✓ **Embedded Boars:** Raspberry Pi, Nvidia Jetson Nano

DECLARATION

I declare that the information given above is true to the best of my knowledge and I bear the responsibilities for the correctness of above-mentioned particulars.

Signature:
Diya Patel