RESUME

Basic Information

Name   : Prakash Shelar
E-mail   : prakashelar17@gmail.com
Mobile No.   : +91-8698658198
Address   : Belwandi bk, Tal- Shrigonda, Dist- Ahmednagar

Experience

June 2021 – Present

Designation   : **Intel® AI For Youth Trainer**
Company   : **Shashwat Foundation**
Description

- Conduct Bootcamp on AI related topics and mentor students in their projects.
- Build AI readiness among youth of India.

June 2019 – Nov 2019

Designation   : **Research Intern**
Company   : **Automotive Research Association of India (ARAI), pune**
Description

- Work is on battery management system (BMS) used in electric vehicle.
- State of charge (SOC) remains in lithium-ion cell calculated using curve matching.

Academic Details

M.Tech   : **Signal Processing**
(2018 – 2020) : **College Of Engineering Pune (COEP), Pune**

B. E.   : **Electronics & Telecommunication**
(2012 – 2016) : **Pune Institute of Computer Technology (PICT), Pune**

Technical Certification
- **Data Science Using Python,** Tech Smart Systems, Pune

Projects detail

- **Audio forgery detection using deep learning(Dec 2019 - Jul 2020)**

    Audio recording can be presented as a piece of evidence in the court for some legal investigations. Before presenting them as evidence, it is necessary for the forensic analyst to examine the audio recording and prove its integrity and authenticity. Dataset for training is created by adding different types of tampering i.e copy, move, insertion, deletion to original audio. Recurrent neural network (RNN) is used to build model which detect audio forgery.
    Link: *https://github.com/prakashelar17/Audio-Forgery-detection*

- **Spectrum Analyser Using Cognitive Radio(Jan 2016 - Jun 2016)**

It's a technology of spare spectrum by using Cognitive Radio (CR).The term Cognitive Radio is a system in which a detection device can detect the used and unused channels. Secondary Users (SU) senses the spectrum and instantly moves its signal into unused channels for the purpose of providing efficient utilization of the radio spectrum. Technologies used to achieve above objective are LabVIEW IDE and Cognitive Radio.

Skills

- **Python, Matlab, C, Image Processing, Audio Processing, Machine Learning, Deep Learning, Data Science**

Personal Information

Date of Birth   : 17/03/1994   **Gender:** Male

Nationality   : Indian   **Languages Known:** Marathi, Hindi, English

I hereby declare that the information given above is true to the best of my Information knowledge belief.

Date: **Signature:**