Shreyas Vedpathak

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StackOverflow | Website: shreyasvedpathak.github.io | ResearchGate | LeetCode | Skype

PROFILE

I am an aspiring data scientist who enjoys connecting the dots: be it ideas from different disciplines, people from different teams, or applications from different industries. I have strong technical skills and an academic background in Engineering, Statistics, and Machine Learning.

If you catch me outside of work, I'm a big foodie and an avid lover of Cricket!

EDUCATION

2018 – present Pune, India	**B. Tech** *MIT World Peace University*

SKILLS

C	● ● ● ● ○	C++	● ● ● ● ○
Python	● ● ● ● ○	Tensorflow	● ● ● ● ○
PyTorch	● ● ● ○ ○	Scikit Learn	● ● ● ● ○
MySQL	● ● ● ● ○	MongoDB	● ● ● ○ ○
Tableau	● ● ● ○ ○	HTML	● ● ● ○ ○
JavaScript	● ● ● ○ ○		

PROFESSIONAL EXPERIENCE

Aug 2021 – present California, USA	**Mentor** *DeepLearning.AI* ⌝
Mar 2021 – Jun 2021 Pune, India	**Data Analyst Intern** *Analytics Domain* ⌝

PUBLICATIONS

Jun 2021	**Genomics, High Performance Computing and Machine Learning** ⌝ *UIJRT (United International Journal for Research & Technology)*
Nov 2020	**PCOcare PCOS Detection and Prediction using Machine Learning Algorithms** ⌝ *Bioscience Biotechnology Research Communications*

AWARDS

Nov 2020	**Best Paper Award** ⌝ *International Conference on Intelligent Systems, Data Science and Computing* Best Research Paper Award in Machine Learning Track.

PROJECTS

May 2021 – present	**Segmentation of Fire and Smoke in Nano-Satellite Imagery using Mask R-CNN and Res-UNet** *Research Project*

Jul 2021 – Jul 2021	**Hardhat Detection: Dynamically Colored Bounding Boxes** *Private Project*
Jun 2021 – Jul 2021	**Loan Management System - Flask API** *Private Project*
Nov 2020 – Nov 2020	**Dogs vs Cats - Using Keras Functional API** ⬈
Oct 2020 – Nov 2020	**PCOcare: PCOS Detection & Prediction using ML** ⬈ *Research Project*

ORGANISATIONS

Pune, India	**Google Developers Group** *Member*
Pune, India	**Society of Biological Engineers** *Technical Team Member*

COURSES

Machine Learning by Andrew Ng
Stanford University

TensorFlow: Advanced Techniques
deeplearning.ai

Natural Language Processing in TensorFlow
deeplearning.ai

Generative Adversarial Networks Specialization
deeplearning.ai

Generative Deep Learning with TensorFlow
deeplearning.ai

INTERESTS

- Watching Movies/Series
- Image Editing
- Video Editing

REFERENCES

Dr. Kalpana Thakre, *Professor*, Sinhgad College of Engineering, Pune
kalpana_sunil@yahoo.com, 9922411355

Shilpa Sonawani, *Associate Professor*, MIT World Peace University, Pune
shilpa.sonawani@mitwpu.edu.in, 8698955002