

# Shreyas Vedpathak

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[k Kaggle](#)    [StackOverflow](#)    🖱 Website: [shreyasvedpathak.github.io](#)    [R<sup>6</sup> 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

**MIT World Peace University, B. Tech**

2018 – present | Pune, India

**Sir Parashurambhau College, HSC**

2016 – 2018 | Pune, India

## Publications

**Genomics, High Performance Computing and Machine Learning, UIJRT (United International Journal for Research & Technology)** [🔗](#)

Jun 2021

**PCOcare PCOS Detection and Prediction using Machine Learning Algorithms, Bioscience Biotechnology Research Communications** [🔗](#)

Nov 2020

## Skills

C • C++ • Python • Tensorflow • PyTorch  
Scikit Learn • MySQL • MongoDB  
Tableau • HTML • CSS • JavaScript  
jQuery • Flask

## Awards

**Best Paper Award, International Conference on Intelligent Systems, Data Science and Computing** [🔗](#)

Nov 2020

Best Research Paper Award in Machine Learning Track.

## Professional Experience

**Mentor, DeepLearning.AI** [🔗](#)

Aug 2021 – present | California, USA

**Data Analyst Intern, Analytics Domain** [🔗](#)

Mar 2021 – Jun 2021 | Pune, India

## Projects

**Segmentation of Fire and Smoke in Nano-Satellite Imagery using Mask R-CNN and Res-UNet, Research Project**

May 2021 – present



## Courses

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**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*

**The Complete 2020 Web Development Bootcamp by Angela Yu,**  
*Udemy*



## Organisations

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**Google Developers Group,** *Member*  
Pune, India

**Society of Biological Engineers,**  
*Technical Team Member*  
Pune, India



## References

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**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

**Hardhat Detection: Dynamically Colored Bounding Boxes,** *Private Project*

Jul 2021 – Jul 2021

**Loan Management System - Flask API,**  
*Private Project*

Jun 2021 – Jul 2021

**Dogs vs Cats - Using Keras Functional API**

Nov 2020 – Nov 2020

**PCOcare: PCOS Detection & Prediction using ML,** *Research Project*

Oct 2020 – Nov 2020

**Titanic Survival Prediction - Top 4%,**  
*Kaggle Competition*

Aug 2020 – Nov 2020

**Breast Cancer Wisconsin (Diagnostic)**

Jul 2020 – Jul 2020



## Interests

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Watching Movies/Series | Image Editing

Video Editing