

Kushagra Srivastava

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EDUCATION

Bachelor in Technology(CSE), KIET Group of Institutions, Ghaziabad (2020 - present)

WORK EXPERIENCE

Researcher, R&D Team Member, MBS INDIA

Feb 2022 - Present

- Development of GUI Application using Python (Qt v5) for biomedical instruments.
- Worked on Serial communication between machine and application software.
- Working on Log management system to store records of patients.

Machine Learning Intern, Verzeo

Mar 2021 - Apr 2021

- Attended Training Lectures on Python and Machine Learning for 2 months and prepared 2 projects: Data Analysis on Movie Data set (Individual), Skin Tone Detection Project(Team Project).
- Collaborated with Web Development Team in local deployment of the model prepared.

PROJECTS

AI Interviewer

[Link to Code](#)

- The project detects emotions visible on face and calculates word speed in speech to improve presentation and interview skills. Both models were deployed separately on Web Application using Flask.

Human Skin tone Detection Project

[Link to Code](#)

- The Project took human faces as input(Links or uploaded files) and classify them into 3 categories: dark, mild or fair.
- 2 different approaches were used to classify the input images- RGB based programming and KNN algorithm.

Breast Cancer Project

[Link to Code](#)

- The Open Source project aimed at providing early stage warnings to users who show symptoms of Breast cancer. Contributed Model used best of 7 optimised ML algorithms to get best results.
- Review paper written, applied for publication

SKILL CERTIFICATIONS

Deep Learning Specialization,

Pursuing

- By DeepLearning.AI (enrolled in 5th of 5 courses) on Coursera

AI Programming with Python

Pursuing

- Selected through AWS AI & ML Scholarship program for 6 month Nanodegree on Udacity

Tensorflow 2 for Deep Learning Specialization

Pursuing

- By Imperial College London (enrolled in 2nd of 3 courses) on Coursera

ACHIEVEMENTS

Machine Learning Lead, DSC KIET

May 2022 - Present

- Managed the ML lead and contributed to club projects.

ArtificialX Domain Head, MYCIN AI

Mar 2022 - Present

- Organized Boot-camp & contests on Python and Machine Learning of 30+ college students.
- Delivered specialized lectures/sessions on specific ML topics and projects. Organized Demo-Hackathon to train students for Hackathons.
- Maintainer of 10 Github Repos of @MYCIN-AI-Club for Hacktoberfest 2022

PUBLICATIONS

Srivastava, Kushagra (Dec. 2021). "Article: Recruiting AI to Guard Our Home". In: *TheMonthlyWrap* December 2021. URL: <https://monthlywrap.blogspot.com/2021/12/recruiting-ai-to-guard-your-homes.html>.