

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 keep records of patients.

Machine Learning Intern, Verze

Mar 2021 - Apr 2021

- Attended Training Lectures on Python and Machine Learning for 2 months and prepared two projects: Data Analysis on Movie Dataset (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 Skintone Detection Project

[Link to Code](#)

- The Project took human faces as input(Links or uploaded files) and classify them as dark, mild or fair.
- Two 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

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>.

SKILLS

Python	Expert
Machine Learning	Intermediate
Computer Vision (CNN)	Beginner
Exploratory Data Analysis	Intermediate
HTML/CSS/JavaScript	Intermediate
Content Designing(UI/UX)	Intermediate