Anurag Tripathi

Portfolio ◇ GitHub ◇ Google Scholar ◇ LinkedIn ◇ Medium ◇ nowitsanurag@gmail.com ◇ (+91) 9818646073

EDUCATION

AMITY UNIVERSITY | **Noida, IN** | **2017- 2021**
- Bachelor of Technology (Electronics & Communication Engineering)
- Thesis: Classification of Cervical cancer using Machine learning and Deep learning [Report]

WORK EXPERIENCE

PRODUCT MANAGER
COM OLHO | **Gurgaon** | **Feb 2022-Oct 2022** | [LOR]
- Developed web application back-end components with **Django** and **Flask** while communicating with clients to identify their needs/goals and work on meeting them.
- Worked on the improvement of data protection and security by implementing face login using **deep learning** on the company's platform.
- Experienced with **selenium** web-based automation tools and developing under Linux environment.

SOFTWARE ENGINEER
ENNOVENTURE TECHNOLOGIES | **Bangalore** | **Aug 2021- Feb 2022**
- Responsible for creating and testing APIs and deploying them in the **Azure cloud**. Updated and optimized 20+ stored procedures using **MySQL** and re-structured schemas with 50+ tables to enhance data integrity.
- Trained ML models on the company's patented product for identification when scanned from the mobile app.

RESEARCH INTERN
COM OLHO | Gurgaon | Feb 2021-June 2021 | [Certificate]
- Analyzing high-speed computer vision using the **OpenCV**, model with python to study the effect of vehicular frequency over time on air pollution in Gurgaon, India has revealed that 75% of city pollution is contributed by vehicular density. The model was running for 1 month to get the trend of vehicle frequency and density for the real-time air quality index.

SOFTWARE DEVELOPER INTERN
ClearExam | **New Delhi** | **Dec 2020-Feb 2021** | [Certificate], [LOR]
- Design and maintain SQL scripts. Generate reports and spreadsheets detailing database changes and performance.

SKILLS

- **Languages-** Python, HTML, MATLAB, C++.
- **Frameworks-** Django, Numpy, Flask, Tensor flow
- **Platforms-** Git
- **OS -** Linux, Windows

EXTRACURRICULAR & SERVICES

- Coordinated and Volunteered for 5th, 6th, & 7th **IEEE SPIN** & **Celebration of Belongingness**.
- **JAX Foundation** | NGO Volunteering | Oct 2020 | [Certificate]
- **Study Abroad Program** | London | Nov 2019-Dec 2019 | [Certificate]
- **Lakshy Foundation** | NGO Volunteering | April 2019-Sep 2019 | [Certificate]

PUBLICATIONS

- Classification of Cervical Cancer Detection using Machine Learning Algorithms. [Paper]
- Classification of cervical cancer using Deep Learning Algorithm. [Paper]
- Automatic Diabetes and Liver Disease Diagnosis and Prediction through SVM and KNN Algorithms. [Paper]

PROJECTS

- Face mask detection using **YOLO Algorithm**. [Blog]
- Implementation of Machine Learning using Python for Classification of Human Limb Movement using UWB antenna.
- To display a deep learning model on Pima Indian's onset of diabetes binary classification problem. [Project]
- Developing a CNN for MNIST handwritten digit classification. [Project]

CERTIFICATIONS

- Machine Learning, *Stanford University*. [Certificate]
- Databases and **SQL** for Data Science with Python, *IBM.* [Certificate]
- Programming for Everybody (**Python**), *Michigan University.* [Certificate]