Afroz Chakure

in @afrozchakure ⌗ @afrozchakure Ⓜ @aaanchakure ✉ aaaanchakure@gmail.com ☎ +91-9371106150
LeetCode: @afrozchakure   HackerRank: @aaaanchakure

EDUCATION

- **MIT World Peace University, Pune** — Pune, India
  Bachelor of Technology - Computer Science and Engineering | CGPA: 9.51 — *July 2017 - Expected June 2021*
  Courses: *Operating Systems, Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Computer Networks, DBMS*

RELEVANT SKILLS

- **Languages:** Python | C++ | JavaScript | Java | SQL | Bash | HTML/ CSS
- **Frameworks:** Scikit | Tensorflow | Keras | NLTK | Flask | NodeJS | Reactjs | MERN
- **Platforms:** Linux | Web | Windows | Amazon Web Services (AWS) | Microsoft Azure | GitHub | DockerHub
- **Tools:** Docker | Git | MySQL | SQLite | MongoDB
- **Soft Skills:** Event Management | Public Speaking | Communication | TeamWork | Blogging

EXPERIENCE

- **IoTIoT.in (Shunya OS)** — Pune, Maharashtra
  Artificial Intelligence Intern (Full-time) — *Feb 2020 - May 2020*
  - **ID Card OCR**: Used Faster RCNN having 90% accuracy, worked on code & documentation.
  - **Patient Fall Detection Application**: OpenCV Application, Contributed to code and documentation.
  - **Mini-Projects**: Worked on YOLO, Transfer Learning, CNN & DNN projects containerized using Docker.
- **Internity Foundation** — Remote
  Machine Learning Intern (Full-time) — *June 2019 - July 2019*
  - **Movie Recommender System**: Created project using Unsupervised learning and natural language processing.
  - **Car Price Predictor**: Used Random Forest Regression having 90% accuracy, uses features like model, KM driven etc.
  - **Publications and Other Projects**: Implemented multiple Machine Learning algorithms & wrote 14+ Blogs on ML

PROJECTS

- **Aadhar Card OCR (Python, OpenCV, Faster RCNN, Tensorflow, Keras)**: Model uses Faster RCNN to detect card from image, crop detected image & feeds it to our OpenCV program which extracts needed information. Final output saved in JSON file. (https://bit.ly/aadhar-ocr) (May 2020)

- **Car Rental Management System (Java, DBMS, Netbeans, Swing, MySQL)**: Simple GUI based application made using Java (Netbeans IDE) and MySQL database. Project allows to register new cars, Add new Customers, Modify, and Delete car details along with calculation of fines. (https://bit.ly/Java-car-rental) (Sept 2019)

- **Movie Recommender System (Recommender Systems, NLP, Python)**: Takes movie name as input from the user and recommends a list of movies based on similarity with the entered movie. Made 3 Systems, Simple Recommender, Content-Based Recommender and a combination of both. (https://bit.ly/movie-recommend) (July 2019)

- **Patient Fall Detection Application using OpenCV (OpenCV, Python, Documentation)**: Processes videos from the cameras installed and needs to detect patient movements that show panic or call for help. Contributed Version 0, 1 and 2 for the specific application along with documentation. (https://bit.ly/patient-fall) (April 2020)

CERTIFICATIONS

- **Machine Learning A-Z**: https://www.udemy.com/certificate/UC-VXV7XSV6/
- **DeepLearning.AI Tensorflow Developer Professional Certificate Specialization (4 Courses)**:
  https://www.coursera.org/account/accomplishments/specialization/SCQ4GTJVXRVJ
- **Deep Learning Specialization (5 courses)**:
  https://www.coursera.org/account/accomplishments/specialization/J3HB8DK9NKQU
- **Python for Everybody Specialization (5 courses)**:
  https://www.coursera.org/account/accomplishments/specialization/8T8D5KPRH62C

HONORS AND AWARDS

- Won HackerNoon Contributor of the Year 2020 Award - DATA SCIENCE - October, 2020
- Second Runner's Up at Internity Foundation's Creat-A-Thon (15-hour Hackathon) - July, 2019
- Award for Best Blogger and Best Intern from Internity Foundation - July, 2019

VOLUNTEER EXPERIENCE

- **Microsoft Learn Student Ambassador** — Pune, India
  Conducted online and offline technical & soft-skills training impacting over 500 students. — *April 2020 - Present*
- **Problem Solver - Machine Learning @ Internity Foundation** — Remote
  Took interview of 15+ candidates, guided 8 Interns, assigned daily tasks & evaluated them. — *Dec. 2019 - Jan. 2020*
- **Internshala Student Partner** — Pune, India
  Promoted Internshala platform, conducted & delivered workshop reaching 400+ students. — *Sept 2019 - Nov 2019*