

Shadab Ansari

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Experience:

I have hands on experience on making crawlers using Python. I also done Machine Learning projects using Python.

For company registrationwala.com: I have worked for registrationwala.com as a freelancer. I made a crawler for them that also recognizes numeric captcha. For captcha recognition I made a CNN.

Link: <https://www.github.com/call2shadab/captcha-project.git>

In Smart India Hackathon 2018: Together with the team of 6 members I participated in Smart India Hackathon 2018 and made it to Grand Finale. We made a website that shows all state and central government schemes on a integrated single website. I made a crawler using Python that crawls all the schemes.

Education:

ABES Institute of Technology, Dr. APJ Abdul Kalam Technical University,
Ghaziabad, UP, July 2020
GPA 87.8/100

Technical Skills:

Skilled in building logics and designing algorithms. Competitive Programming in Python.

Python Libraries:

- **NumPy, SciPy, Matplotlib, SKLearn, Pandas, TensorFlow (For Machine Learning)**

- **BeautifulSoup, Mechanize, Requests (For Crawler)**

- **Django Framework (For Web Development (Proir Experience))**

Database:

- **MongoDB, MySQL**

Other Skills:

Languages: Fluent in English and Urdu.

Public Speaking: Experience and ability to speak with confidence in public.

Trainings:

Machine Learning
coursera.com (online)

July 2018 – Nov 2018

It was the online Machine Learning course from Stanford University By Andrew NG. I have learnt about supervised, unsupervised and reinforcement learning through algorithms like Linear Regression, Decision Tree, Support Vector Machine.

Projects:

Smart India Hackathon, 2018

Made a website for Government of Delhi to unify all the Govt. schemes of central and state government on a single portal where can easily search for schemes eligible for and duplicacy of schemes in state and central government will also be removed.

Numeric Captcha Recognizer

Jan 2019 – Feb 2019

In this project I made a numeric captcha recognizer using OpenCV and TensorFlow in Python. I made a Convolutional Neural Network (CNN). The recognizer had the accuracy of around 98%. I had done this project individually.

Research Publications:

Mobile Phone Payment Apps Security Increasing with QR code Security, 14 March, 2019, Submitted in InderScience Journal (Article ID: IJAIP-248800)

This research paper is authored by me under the guidance of teacher Mr. Rizwan Khan. In this paper we tried to make mobile payment apps more secure by using visual cryptographic techniques along with assymetric encryption and decryption the details contained in QR code of payment apps.

Positions of Responsibility:

- Member of Institute Innovation Council (IIC) in ABES Institute of Technology.
- Coding competition organizer at college annual technical fest.