MANISH ANAND PAWAR

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Profile

Curious and innovative individual with an aptitude for problem solving having expertise in Deep Learning, Robotics and Artificial Intelligence.

Skills

- **Technical :**
  - **Programming:** Python, Git, JavaScript, Go, C/C++, PHP, TypeScript
  - **Frameworks:** Tensorflow, IBM cloud, AWS, GCS, Keras, OpenCV, django, Flask, flutter, AngularJS
- **Interpersonal :** motivation, networking, leadership, team-working.

Education

- **Bachelor of engineering (Computer Science)** | 2016-2020
  University of Mumbai | CGPA : 7.98/10
- **HSC (Science)** | 2014-2016
  Bhavans College, Andheri(west), Mumbai. | Score: 80.5%
- **SSC** | 2014
  Mumbai | Score: 95%

Projects

- Smart Traffic System **-**An intelligent traffic management using open-cv, raspberry pi and firebase cloud. | **Winner, Smart India Hackathon hardware-2019**
- Farma-Tron / Krishi-Mitra **-** An automated agricultural drone based on deep learning and iot. | **Winner, Technex, IIT-BHU**
- **IBM's** smart Ai recruiter.
- Health web app using tessaract.js.
- Violence detection and prevention using deep learning.
- Reconstruction of brain visuals by gans.
- Yoga app using PoseNet.
- Ai music composer and language translator using rnn.
- TGS salt identification and Earthquake prediction challenges on **Kaggle.**
- Hand-controlled pong game using tf.js
- Chatbot using word2vec, dnn and seq2seq models.
- A simple gameBot using reinforcement learning.
- Music recommender based on facial expression.
- Simple store website with angular.js and firebase.

Internships

Microsoft student intern | 2019

- RL optimisation, game dev ops in Ai

SmartInternzEducational intern by IBM | 2019

- Intelligent Document understanding using IBM cloud & apis.

Ubisoft student intern | 2020

- Ai and automation in graphic rendering

JP Morgan Chase & Co. Student intern | 2020

- Finance stability using typescript and nodejs

KPMG Student intern | 2019

- Data and web Analytics

Ai design engineer intern, Home Drone | 2016

- Researched on Drones for Offices and Banners and integrating Ai with it.

Co-author, Data Driven Investor | 2017

- Ai related content writing at datadriveninvestor.com

Blog intern, Lipishala | 2018 – 2019

Publications

- "Detect Crimes and Assist Law Enforcement Agency using Deep Learning with CCTVs and Drones.", IJRASET & ResearchGate, issn: 2321-9653
- "Can Ai guess your password?- A gan approach.", TECH-NEXT, IJRI, issn : 2456-5105
- "A Novel Approach to Reconstruct Visual Data from Brain Using Conditional GAN.", IJOER, issn: 2395-6992
- "NextGen of Cyber-Security with Artificial Intelligence", ResearchGate, doi: 10.13140/RG.2.2.10560.99844
- "FarmaTron- An automated Agro-drone", IJRASET doi:25/643/1333

Workshops & Certifications

- IEEE's industry-oriented Ai-Ml workshop at NITIE
- Google's cloud engineer bundle
- Nvidia's Deep-Learning at IIT-B
- Accenture's Digital skills on Ai & Google analytics.
- Cisco's internetworking
- Hackerspace mumbai's Ai workshop
- AI workshop at TCET
- DRDO's e-techcon online workshop
- Robotics & Ethical hacking at IIT-B

Courses

- Andrew Ng's courses on CNN, RNN, neural networks, Machine learning on Coursera
- Deep learning on NPTEL
- Andrej Karpathy's DL
- Udacity's Deep learning
- AWS concepts and deep learning on Udemy

Links :

GitHub: i-am-manish (Manish pawar)
LinkedIn: Manish Pawar | LinkedIn
Medium: medium.com/@i_am_manish
Twitter: twitter.com/i_am_manish0