

# SUSHANT 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++, C#.
  - **Tools/Frameworks:** Unity, Corona SDK, Cocos 2D, CryEngine, Frostbit, Gamemaker
- **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**
- Health web app using tesseract.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.

## **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
- Blog writer at medium.com

## **Internships**

### **Ai design engineer intern, Home Drone | 2018 - Present**

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

### **Co-author, Data Driven Investor | 2019 – Present**

- Ai related content writing at datadriveninvestor.com

### **Blog intern, Lipishala | 2018 – 2019**

## **Workshops & Certifications**

- IEEE’s industry-oriented Ai-MI workshop at NITIE
- Nvidia’s Deep-Learning at IIT-B
- Accenture’s Digital skills on Ai & Google analytics.
- Hackerspace mumbai’s Ai workshop
- AI workshop at TCET
- DRDO’s e-techcon online workshop
- Robotics & Ethical hacking at IIT-B
- Science Quiz by Mah Govt.

## **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](https://github.com/i-am-manish) (Manish pawar)

LinkedIn: [Manish Pawar | LinkedIn](#)

Medium: [medium.com/@i am manish](https://medium.com/@i_am_manish)

Twitter: [twitter.com/i am manish0](https://twitter.com/i_am_manish0)