



Suyog Jadhav
BTech (Second year)
Electronics Engineering
Indian Institute of Technology, (ISM) Dhanbad



Examination	University	Institute	Duration	Grade/%
2nd Semester	IIT (ISM), Dhanbad	IIT (ISM), Dhanbad	2017 - 21	87.50
Intermediate/+2	HSC Maharashtra	MCASC, Shivajinagar, Pune	2015 - 17	83.23
Matriculation	CBSE	JNV Pune	2010 - 15	98.00

Looking for UG research opportunities in the field of Deep Learning. Fairly experienced in machine learning, deep learning and computer vision. Worked with TensorFlow, Keras, OpenCV, dlib, Numpy, Pandas, Matplotlib, Scikit-learn. Can code fluently in Python (2/3), C++, C and MATLAB/GNU Octave. I also have a bit of background in Natural Language Processing and Competitive Data Science.

Projects

☉ DriveSmart

Aug. 2018

A smart system for cars that alerts the driver with visual cues and audio alerts when the driver gets distracted from the road or is drowsy. Used TensorFlow, OpenCV and dlib. Startup funded by **CIIIE, IIT (ISM) Dhanbad**.

☉ T. A. L. K.

Sept. 2018

Working on a startup idea in a team of three members that promises something that has never been achieved before. Using **recurrent neural networks** in combination with advanced conducting fibres and other hardware sensors as the core technologies. Most of the work is under NDA at this stage. **Prototype coming soon**.

✓ FaceSearch

Jul. 2018

Created a command-line tool that takes an image, detects faces in it, lets user select one and then tries to establish identity of the person by performing Google reverse Image search on the face. Used **OpenCV**. Implemented in Python.

✓ Emotion Recognition

Mar. 2018

Recognizes facial expressions using a webcam live in the browser. Used **keras** with **TensorFlow** backend for training the model. The frontend is built using Node.js. The frontend is built by Ujjawal Jaiswal, a fellow member of the Web Development team at Cyber Labs.

Positions of Responsibility

AI Team Member, Cyber Labs

Dec. 2017 - Present

A core member of the AI team of **Cyber Labs**, the official cyber society of IIT (ISM), Dhanbad. Cyber Labs is the initiative of IIT (ISM) students on the footsteps of MIT Media Labs, MIT. Our team focuses on working on various projects that use ML, DL or in general, any field of AI.

Content writer, BPB online

Sep. 2018 - Present

I write introductory articles on various topics in AI for **BPB publications**, the asia's largest publisher of computer books from last 58 years.

Blogger, ML Endeavours

Apr. 2018 - Present

Personal blog. I blog about created projects and machine learning, in general.

Certifications

- **Advanced Machine Learning Specialization** by HSE - National Research University on Coursera
 1. [Introduction to Deep Learning \(with Honors\)](#)
 2. [How to Win a Data Science Competition: Learn from Top Kagglers \(with Honors\)](#)
- **Deep Learning Specialization (5/5 Courses)** by deeplearning.ai on Coursera
- **Machine Learning** by Stanford University on Coursera

Skills

- **Development:** Machine Learning | Deep Learning | Convolutional Neural Networks | Recurrent Neural Networks | Fine-tuning pre-trained models | Computer Vision | Competitive Data Science
- **Languages:** Python 3 | Python 2 | C++ | C | Matlab | GNU Octave | CSS
- **Tools & Libraries:** Regex | Keras | TensorFlow | OpenCV | dlib | Git | Linux | Scipy stack | Pandas | Matplotlib | Scikit-learn | XGBoost

Contact Info

Email: suyog.17ie002775@ece.ism.ac.in | **Phone:** +917719058077

Social: [LinkedIn](#) | [GitHub](#) | [Stack Exchange](#) | [Facebook](#) | [Twitter](#)