# PIYUSH MALHOTRA

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**Linguistic Proficiency:** Hindi, English, Punjabi

## Education

- B.Tech in Computer Science and Engineering from Amity University Uttar Pradesh [2014-2018] with 7.14 CGPA.
- Deep Learning Specialization. Certificate earned on April 04, 2018
- Machine Learning Basic Nanodegree Udacity. Certificate Earned on November 13, 2017.
- Machine Learning by Stanford University on Coursera. Certificate earned on January 18, 2017.
- 10 + 2 from Rosary Senior Secondary School [2013] CBSE Board with 89% Marks.
- High School [2011] from CBSE Board with 8.4 CGPA.

## Skills

**Computer Languages:** Python, JAVA, C/C++, Basic :- (Octave/MATLAB, HTML, CSS and JavaScript).

**Tools and Technologies:** Android Studio, Eclipse, Editors (Atom, Sublime, Notepad++).

**Libraries:** Tensorflow, Keras, Matplotlib, Numpy, Pandas, Scipy,

## Projects

**Vehicle Number Plate Bounding Box Recognition** using **Deep Learning**

**Facial Expression Recognition** using **OpenCV** and **Deep Learning**

**For more projects and details click** here

## Experience

### Machine Learning Intern| Untrodden Labs
JUNE 2018 – PRESENT

Working on Company's Things Go Social Platform. Figures will be out at least after a month of joining.

### Freelance AI Developer | UpWork and Local
APRIL 2018 – PRESENT

Freelance Artificial Intelligence Developer currently working locally and on UpWork with 95% completion rate.

### Machine Learning Instructor | StarLight Academy
MAY 2017 – MARCH 2018

Computer Science faculty teaching courses like C/C++, Java and Python with advanced courses like Machine Learning.

### Intern | Institute of System Studies and Analysis, Defence Research and Development Organisation (D.R.D.O)
MAY 2016 - JULY 2016 (8 weeks)

Made a Mission Simulator Editor to generate a mission simulation file that can be used to check the efficiency of the planned mission.

## Awards and Accomplishments

- Presented a **paper** on **Parameter Estimation of Software Reliability Growth Models Using Krill Herd Algorithm** in Confluence 2017 - annual IEEE International Conference held in Amity University Uttar Pradesh, India. Linked here
- **OpenMined** Contributor on **PySyft** repository
- Consolation Prize winner for two consecutive years **2016 and 2017** in App-a-Thon: App-development **Competition for Smart Grid and Smart Cities** in **India Smart Grid Week, organized by ISGF (India Smart Grid Forum)** in Netaji Subhas Institute of Technology (NSIT), Dwarka, Delhi, India.
- Mr. Dinesh Babu Memorial Scholarship for highest marks in Physics in 11th standard (2012-2013).
- Pitambar Scholarship for highest marks in Mathematics in 11th standard (2012-2013).

For detailed resume click here