

# PIYUSH MALHOTRA

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

## Education

- Pursuing B.Tech in Computer Science and Engineering from Amity University Uttar Pradesh [2014-2018].
- Machine Learning Foundation Nanodegree Udacity. Certificate Earned on August 14, 2017. (Took course as a refresher for stats.)
- 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, Deeplearning4j, Numpy, Pandas

## 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

**Computer Science Faculty | StarLight Academy**

MAY 2017 - PRESENT

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

**Intern | StarLight Academy**

MAY 2017 - JULY 2017 (12 weeks)

- Designed frontend of the Academy's website. Increase in admission figures will be shared 1 month post launch.

**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](#)