

# Pranav Garg

## Aspiring Artificial Intelligence Researcher

A straight shooting go-getter with an unquenchable thirst for knowledge and a large appetite for hard work



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## WORK EXPERIENCE

### President and Founder Society for Artificial Intelligence and Deep Learning

08/2017 – Present

BITS Pilani

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### Vice President IEEE Student Branch

04/2017 – Present

BITS Pilani

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### Electronics Co-ordinator Sandbox Makerspace

02/2017 – Present

BITS Pilani

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### Student Partner Microsoft

08/2017 – Present

BITS Pilani

Goa

### Research Intern Indian Space Research Organization (ISRO)

05/2017 – 02/2017

RRSC-W

Jodhpur

### Mentor Electronics and Robotics Club

11/2015 – 08/2017

Goa

## LANGUAGES

Python	●	●	●	●	○
C++	●	●	●	●	○
MATLAB	●	●	●	○	○
Bash	●	●	●	○	○

## SKILLS

Machine Learning

Deep Learning

Computer Vision

Natural Language Processing

Theoretical Neuroscience

Brain-Computer Interface

Graph theory

Reinforcement Learning

Public Speaking

Project Management and Leading

## PERSONAL PROJECTS

- Denoising Gravitational Waves using Supervised and unsupervised learning (06/2017 – Present)
- Analyzing and modeling Electroencephalogram data from Brain Computer Interface using Recurrent Neural Networks (07/2017 – Present)
- OCR on Ancient Manuscripts in Devanagari script (09/2017 – Present)
- Detection of Windmills from satellite Images using Deep Neural Networks (05/2017 – 07/2017)

## EDUCATION

### B.E. Electrical and Engineering Engineering (Hons.)

BITS Pilani

08/2015 – Present

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Courses (Relevant)

- |                              |                        |
|------------------------------|------------------------|
| • Theoretical Neuroscience   | • Computer Programming |
| • Probability and Statistics | • Linear Algebra       |
| • Multivariate Calculus      | • Machine Learning     |
| • Neural Networks            | • Discrete Mathematics |

### Online Courses

Coursera/Udacity/Stanford

Courses

- |  |   |
|--|---|
| • Machine Learning (Coursera)                    | • CS 231n - Convolutional Neural Networks for Visual Recognition (Stanford) |
| • Probability and Statistics (Stanford Lagunita) | • Introduction to Parallel Programming with CUDA (Udacity)                  |
| • Deep Learning For NLP (Oxford - DeepMind)      | • Reinforcement learning by David Silver (Deep Mind)                        |
| • Applied Data Science with Python (Coursera)    |   |