# 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* *Goa*
*BITS Pilani*
*Contact:* *saidl.in*

### Vice President
IEEE Student Branch

*04/2017 – Present* *Goa*
*BITS Pilani*

### Electronics and HPC Co-ordinator
Sandbox Makerspace

*02/2017 – Present* *Goa*
*BITS Pilani*

### Student Partner
Microsoft

*08/2017 – Present* *Goa*
*BITS Pilani*

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

*05/2017 – 02/2017* *Jodhpur*
*RRSC-W*

### 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 | Pytorch | Numpy | Pandas | Caffe2

## PERSONAL PROJECTS

* Holter Monitor with real time threat prediction using Jetson TX2 (12/2017 – Present)

* Denoising Gravitational Waves using Supervised and unsupervised learning (06/2017 – Present)

*Detection of Windmills from satellite Images using Deep Neural Networks (05/2017 – 07/2017)

* Image Segmentation on Spacenet dataset (10/2017 – 12/2017)

## EDUCATION

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

*08/2015 – Present* *Goa*

*Courses ( Relevent)*

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

### Online Courses
Coursera/Udacity/Stanford

*Courses*

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