

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

Contact: saidl.in

Goa

Vice President

IEEE Student Branch

04/2017 – Present

BITS Pilani

Goa

Electronics and HPC Co-ordinator

Sandbox Makerspace

02/2017 – Present

BITS Pilani

Goa

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

Pytorch

Numpy

Pandas

Caffe2

PERSONAL PROJECTS

* Smart Heart - 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 (Relevant)

- Theoretical Neuroscience
- Probability and Statistics
- Multivariate Calculus
- Neural Networks

- Computer Programming
- Linear Algebra
- Machine Learning
- 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)