



ANIRUDHA K

Student

A curious geek, aspiring to decipher the brain

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WEB <https://anirudhk686.github.io/>

GITHUB [anirudhk686](https://github.com/anirudhk686)

COUNTRY India

SKILLS

EXPERTISE

- Convolutional neural networks
- Data analysis
- Econometric modeling

LANGUAGES

- Python
- Java

TOOLS

- TensorFlow
- Keras
- Open-cv
- django
- Jupyter-notebook

INTERESTS

- Artificial General Intelligence
- Reinforcement learning
- Neuroscience
- Computer vision
- Natural language understanding

EXPERIENCE

RESEARCH INTERN

MAY-JULY 2017

NATIONAL CENTRE FOR ANTARCTIC AND OCEAN RESEARCH , INDIA.

- Worked in ICT division under the guidance of Mr. Sakthivel Samy V
- ARIMA modeling of Antarctic temperature data.
- Worked on developing facial recognition system for monitoring attendance.
- Project details presented below.

EDUCATION

B.E. (HONS) COMPUTER SCIENCE

2015 - Present

MSc. (HONS) ECONOMICS

Birla Institute of Technology and Science, Pilani, India

Integrated dual degree program

Expected May 2020

CGPA - 8.964 / 10

Audit courses : Convolutional Neural Networks(cs 231n) | Machine learning(cs 229)

PROJECTS

FACIAL RECOGNITION SYSTEM USING CONVOLUTIONAL NEURAL NETWORK

JULY - 2017

- three step approach: face detection, encoding and comparison
- achieved using the VGG-16 Net architecture and have implemented it using keras library in python.

[\[PROJECT BLOG\]](#) [\[CODE\]](#)

ANTARCTIC WEATHER DATA ANALYSIS

JUNE - 2017

- temperature data has been analyzed with the Seasonal ARIMA model
- Further forecast is also done based on the obtained model

[\[PROJECT REPORT\]](#) [\[CODE\]](#)

STOCK MARKET SIMULATOR

DEC - 2016

- a trading platform built using django

[\[CODE\]](#)

ORGANISATIONS

BITS PILANI ASSOCIATION FOR COMPUTING MACHINERY-

STUDENT CHAPTER

2015 -PRESENT

- Core team member
- awarded the Best Student Chapter in India for 3 consecutive years with a recognition from ACM International