Ashwin Vaswani

http://ashwinvaswani.github.io
ashwin.vaswani99@gmail.com | +91 7977572467

EDUCATION

BITS PILANI
B.E. Computer Science
Expected May 2021 | Goa, India
CGPA: 8.58 / 10.0

PACE JUNIOR SCIENCE COLLEGE
Higher Secondary School Certificate
Grad. March 2017 | Mumbai, India
Percentage: 89.92 %

LINKS

Github:// **ashwinvaswani**
LinkedIn:// **ashwin-vaswani-3314aa169**
Twitter:// **ashwinvaswani**
Blog:// **ashwinvaswani.github.io**
Organisation:// **sforaidl.github.io**

COURSEWORK

ONLINE
Machine Learning (Stanford University)
[Coursera]
Machine Learning A-Z with python [Udemy]
Neural Networks and Deep Learning
Convolutional Neural Networks (Deeplearning.ai)

ON-CAMPUS
Linear Algebra
Probability and Statistics
Database Management Systems
Object Oriented Programming
Data Structures and Algorithms
Neural Networks and Fuzzy Logic
Artificial Intelligence

SKILLS

PROGRAMMING
Over 5000 lines:
Python • C++ • C • Java
Over 1000 lines:
MySQL • Android • Bash • Verilog
Familiar:
Assembly • Javascript
Frameworks:
PyTorch • Keras • Flask

RESEARCH INTERESTS

1. Computer Vision
2. Deep Learning
3. Natural Language Processing
4. Cognitive Neuroscience

WORK EXPERIENCE

PRASAURUS SPORTS ANALYTICS PVT. LTD. | Computer Vision / Deep Learning intern
May 2019 - June 2019 | Remote | CERTIFICATE
- Created Deep Learning models for player detection, action recognition and inferring other statistics in sports videos.

CATEINA TECHNOLOGIES PVT. LTD. | Software Engineering Intern
May 2019 – July 2019 | Mumbai, India | REPORT | CERTIFICATE
- Worked on a customized recommendation engine for the company's API catalogue and created an API for it using flask.

MYWAYS LIFE LAYOUTS PVT. LTD. Machine Learning Intern
Aug 2019 - October 2019 | Remote | CERTIFICATE
- Building a hybrid recommendation system for career planning and recruitment automation.

PROJECTS

AI ASSISTANT | VESIT All India AI Hackathon
May 2019 – June 2019 | Mumbai, India | LINK | REPORT
AI Assistant for differently-abled people to recognize static hand gestures and convert to text/audio based on sign language. Also, converting Text/Voice into a live motion sequence of gestures and read out newspapers/articles. 3rd position in All India Artificial Intelligence Hackathon.

DYNAMIC GESTURE RECOGNITION | Research Project
June 2019 - November,2019 | Goa, India | LINK
Recognizing Dynamic Hand Gesture movements using 3D CNNs and LSTMs and mapping them for human-computer interaction based tasks.

GENERATIVE MODELING | Research Project
Aug 2019 - Current | Goa, India | LINK | REPORT
Reconstruction of a person's face based on his/her speech using an encoder-decoder network on AVSpeech dataset.

OBJECT DETECTION | Flipkart Grid Challenge
Jan 2019 – March 2019 | Goa, India | LINK
Created Deep Learning models and advanced optimization techniques for object detection. Finished 29th rank overall in Flipkart's Grid Challenge.

FAKE NEWS DETECTION | Self Project
August 2019 | Goa, India | LINK | REPORT
Fake news detection on LIAR Plus dataset. Finally, achieved better accuracy than original paper by taking credibility of reviewer into consideration.

AWARDS AND ACHIEVEMENTS

2019	Instructor for TIP - Deep Learning Mentorship project
2019	Mentor for QSTP - Deep Learning course during Summer of 2019
2019	2nd runner up in VESIT All India AI hackathon
2019	29th rank in Flipkart Grid Challenge Semi final Round.
2018	Core member of Society of Artificial Intelligence and DL, BITS Goa
2017	Score : 358 marks in BITSAT