



Yashwanth M

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Bangalore

EDUCATION

Bachelor of Technology (B.Tech), Electronics and Communication
(2018 - 2022)

IIT Guwahati

CGPA : 8.40/10

XII (Senior Secondary), Science

Year of Completion: 2018

KARNATAKA Board (Narayana PU College)

CGPA : 9.50/10

X (Secondary)

Year of Completion: 2016

CBSE Board (Jain International School)

CGPA : 10.00/10

POSITIONS OF RESPONSIBILITY

- 2019 Core team member of IITG.ai community
- 2019 Core team member at 4i Labs, IIT Guwahati
- 2019 Core team member at Creatives, Cepstrum IITG
- 2018 HR at Cepstrum IITG

TRAININGS

Probabilistic Graphical Models

Stanford University On Coursera (Online)

Dec 2019 - Jan 2020

<https://www.coursera.org/account/accomplishments/verify/XBJFGXPFV4H8>

AI From The Data Center To The Edge

Intel Corporation (Guwahati)

Sep 2019 - Sep 2019

Verify:<https://www.credential.net/t77keq9hkey=333cd5582911732639ed4878743fed1391>

Deep Learning Specialization

Deeplearning.ai On Coursera (Online)

May 2019 - Jul 2019

Verify

:

<https://www.coursera.org/account/accomplishments/specialization/MJLV28LVZZAC>

Machine Learning

Stanford University On Coursera (Online)

May 2019 - May 2019

Verify

:

<https://www.coursera.org/account/accomplishments/verify/A68PAY4CFF7V>

Deep Learning Onramp

MATLAB Training Services (Online)

Mar 2019 - Apr 2019

Verify:

<https://matlabacademy.mathworks.com/progress/share/certificate.html?id=627a9aa0-e44f-431c-a10e-99577ff8cc1c>

MATLAB Onramp

MATLAB Training Services (Online)

Mar 2019 - Apr 2019

Verify:

<https://matlabacademy.mathworks.com/progress/share/certificate.html?id=627a9aa0-e44f-431c-a10e-99577ff8cc1c>

Ethical Hacking

Technothon (Guwahati)

Oct 2018 - Oct 2018

Basics of Ethical Hacking

Verify : Certificate Number: E983704B-B316-C78F-CB22-ACBCC73A7942

<https://trainings.internshala.com/verifycertificate>

PROJECTS

Video Frame Extractor

Dec 2019 - Jan 2020

https://drive.google.com/drive/folders/1OFWOAL6hfivkbuBAIGUmhYnj_NjVDw_Q?usp=sh

Developing a tool to extract frames at specified time intervals, containing one or

more objects specified using YOLO or Detectron based on the model specified.

Face Generation by StyleGan

Dec 2019 - Jan 2020

<https://drive.google.com/drive/folders/1sD88Px7-JKfwaP6gMSkwuneJZr3yIGQP?usp=sharing>

It's a tool to generate new faces based on a given set of faces using Style GAN.

Trigger-word-detection

Jul 2019 - Jul 2019

<https://github.com/Yash0330/Trigger-word-detection>

The model is uni-directional RNN using Conv 1-D filter and GRU layers. The trigger

word will be "Activate." Every time it hears you say "activate," it will make a "chiming" sound.

Tools: Python, Keras, IPython

Car-detection-for-Autonomous-Driving

Jun 2019 - Jun 2019

<http://github.com/Yash0330/Car-detection-for-Autonomous-Driving>

A cousera project in which the data was from a camera mounted in car and used a pre-trained YOLO model to get bounding boxes and filtered through all the boxes using non-max suppression.

Tools: Python, Tensorflow, Keras, PIL

Face Recognition

May 2019 - May 2019

<https://in.mathworks.com/matlabcentral/fileexchange/72005-face-recognitionby-cnn>

Face Detection using AlexNet a pre-trained model to map face images encodings and

used these encodings to perform face verification and face recognition and got an accuracy of 98%.

Tools: Matlab, Deep Learning and Computer Vision Toolkit in Matlab

Music-app

Dec 2018 - Dec 2018

<https://github.com/Yash0330/Music-app>

It is a python based web application that lets you upload, store, and play all of your music from the cloud. It lets a user login from any device and plays music from the cloud.

Tools: Python, Django, HTML, CSS, Bootstrap

Hexacopter, 4i Labs IIT Guwahati

Jul 2019 - Present

Hexacopter is a UAV being developed to gather aerial data for the plains of Assam, mainly Brahmaputra plains and the many National Parks for detecting poaching, to name a few. I am currently working to detect poaching from drone images.

SKILLS

C++ Programming

Intermediate

C Programming

Intermediate

Python

Intermediate

HTML

Intermediate

CSS

Intermediate

Django

Beginner

MATLAB

Beginner

Ethical Hacking

Intermediate

Machine Learning

Intermediate

Natural Language Processing (NLP)

Beginner

Arduino

Beginner

Computer Vision

Intermediate

WORK SAMPLES

GitHub Profile:

<https://github.com/Yash0330>

ADDITIONAL DETAILS

- 2018 Among the top 0.6% of all selected candidates (200,000+) in JEE-Advanced.
- 2018 Among top 0.1% of all candidates (1,400,000+) in JEE-Mains
- 2018 Rank 52 in KCET