



Vaibhav Jindal

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[LinkedIn](#)

CARRER OBJECTIVE

A self-motivated and an inspired techie, who is looking for great opportunities and growth. Always eager to learn something new. Intrigued and inclined towards areas of Machine Learning, Deep Learning and Reinforcement Learning.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Palakkad	8.19 (Current)	2017-Present
Class XII	CBSE Board	91%	2016
Class X	CBSE Board	91%	2014

PROJECTS

- **Face Detection Algorithm** Jun 2018 to Sep 2018
Data Analysis Club at IITPKD
We made a face detection algorithm using HOG descriptor to detect faces in photos. It makes a bounding box around the face of people. We trained the model on 10K photos of people from Caltech Webfaces Dataset [Link](#)
- **Online E-Challan system** Dec 2017 to Mar 2018
Sumesh KS (sumesh@iitpkd.ac.in)
E-Challan system for both police and public. Police send the violation details to defaulter and public will be able to deposit the fine amount within the due date [Link](#)

TECHNICAL SKILLS

- **Competitive Programming**
I have a fair knowledge of Data Structures and Algorithms.
Username on Codechef, UVA : vjac, Hackerrank : vaibhav_jindal [Link](#)
- **Hardware and assembly language**
Verilog and Mips from the courses offered in Computer Organisation and Digital Systems
- **Programming Languages**
C++ (Moderate), C (Moderate), Python3 (Moderate), Java (Beginner)

- **Deep Learning Frameworks**

Tensorflow, Keras, Pytorch: Learnt from Deep_Learning course from Coursera

[Link](#)

TRAINING AND WORKSHOP

Workshop on IOT in banglore at Lemma Labs,Alumni IIT Madras

Jan 2018

POSITION OF RESPONSIBILITY

- Career Development Cell Coordinator (2020 -present)
- Class Representative (2020 Winter)
- Mentor at Data Analysis Club at IIT Palakkad (2018 - 2019)
- Class Representative (2017 Summer)

ACHIEVEMENTS

- **Star Clustering Identification at Inter IIT Tech Meet 2018**
Involve data analysis and inference from dataset for a globular star cluster. Task is using the datasets appropriately to analyze the globular cluster to determine some parameters and peculiarities of the same
- **PlutoX at Inter IIT Tech Meet 2018**
The PlutoX is programmed using a development environment, the Cygnus IDE. The programming itself is done in C++ with PlutoX API library. We implemented several movements, flip-flops and in built sensors in the PlutoX
- **Google Code Jam 2019**
Participated in Round 1C
- **CodeChef Snackdown 2019**
Participated in Pre-Elemination Round
- **Participated in Smart India Hackathon 2017**
Our problem statement was to build an user interface for E-Challan system. We made a Website for both common people and police officers. We made a database and a system to send details to the defaulter of their offence

EXTRA CURRICULAR ACTIVITIES

- **Badminton Player**
Went for the trials for inter IIT Sports meet. Participated in inter branch sports competition in badminton