Vaibhav Jindal

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INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD

CARRER OBJECTIVE

Algorithms enthusiastic. Wanted to pursue my carrer in the field of algorithms

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
MSc	Indian Institute of Technology, Palakkad	8.00 (Current)	2022-Present
UG Degree	Indian Institute of Technology, Palakkad	0.00	2017-2021
Class XII	CBSE Board	91%	2016
Class X	CBSE Board	91%	2014

ELECTIVE COURSES

Machine Learning   Theory of Computation
Reinforcement Learning   Algebra

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 (Begineer)

- **Deep Learning Frameworks**
  Tensorflow, Keras, Pytorch: Learnt from Deep_Learning course from Coursera   *Link*

WORK EXPERIENCE

- **Sofware Intern at Rupeek Fintech Private Limited**   **May 2019 to June 2019**
  Have done my internship at Rupeek fintech   *Link*

CONFERENCE PROCCEDDINGS

- **Type name of conference here**   **Year here**
  This is the description of my conference   *Link*

RECENT PUBLICATIONS

- **Journal Name**   **Publisher here**
  Mentor here
  Description of Publication here   *Link*

TRAINING AND WORKSHOP

Workshop on IOT in banglore at Lemma Labs,Alumni IIT Madras   **Jan 2018**
Add description to your training

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