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EDUCATION

Bachelor of Technology in Computer Science and Engineering

Avantika University, MIT Pune Campus

09/2017 - Pursuing

Ujjain, Madhya Pradesh, India

Higher Secondary School Examination

Crown Public Higher Secondary School

04/2015 - 04/2017

Ujjain, Madhya Pradesh, India

Secondary School Examination

The SICA Senior Secondary School

04/2013 - 04/2015

Indore, Madhya Pradesh, India

PROJECTS

Cat or not cat image classifier (05/2020 - 06/2020) [🔗](#)

- Developed a deep neural network desktop application from scratch for classification of images as a cat or non - cat.

Customer segmentation and analysis (04/2020 - 05/2020) [🔗](#)

- Customer segmentation and analysis for UK based all-occasion gifts retail company.
- A dashboard was deployed which contain data visualization, customer segmentation, and product analysis for different segments of the customers.

Auto exploratory data analysis (04/2020 - 05/2020) [🔗](#)

- A desktop application was created which allows users to perform basic data analysis and pre-processing of datasets easily.

Air and noise pollution monitoring system using Internet of Things (10/2019 - 11/2019)

- A prototype was prepared which will monitor different parameters of air and noise via the online dashboard.
- It will consider parameters like temperature, humidity, noise, air quality.
- It further records noise with a mic if the threshold for noise crosses.

INTERSHIPS

Computer Vision Engineer

The Sparks Foundation

11/2020 - 12/2020

Singapore

Tasks

- Implemented object detection using YOLO model with open-CV in python.
- Worked on different open-CV applications.
- Reviewed tasks done by peers.

Data Analyst Intern

Peacock Solar

05/2020 - 07/2020

India

Tasks

- Analyzed sales and telemarketing data
- Presented insights via technical reports
- Deployed ML model for customers segmentation

SKILLS

Data science

Machine learning

Neural networks

Deep learning

Data analysis

App development

Python

R

C

C++

SQL

TensorFlow

Keras

Open CV

Web development

Internet of Things

Desktop application

Leadership

Teamwork

Collaboration

ACHIEVEMENTS

Won Fun with Python Hackathon (09/2019) [🔗](#)

Fun with Python was a hackathon conducted as a part of Design-Tech Fest at Avantika University, Ujjain.

CERTIFICATES

Improving Deep Neural Networks: Hyper parameter tuning, Regularization and Optimization (Coursera) (06/2020 - 07/2020) [🔗](#)

This course showed me the "magic" of getting deep learning to work well. Learnt different techniques to improve neural networks.

Introduction to Data Science in Python (Coursera) (05/2020 - 06/2020) [🔗](#)

This course taught me how to take tabular data, clean it, manipulate it, and run basic inferential statistical analyses.

Neural Networks and Deep Learning (Coursera) (05/2020 - 06/2020) [🔗](#)

This course taught me the foundations of deep learning and how to train and apply fully connected deep neural networks.

Programming with Python (Internshala Training) (06/2019 - 07/2019) [🔗](#)

The training consisted of OOPS connecting to the SQLite database, developing a GUI with PyQt, and application of python in various disciplines.

Android App Development (Internshala Training) (11/2018 - 12/2018) [🔗](#)

The training program consisted of building user interfaces, adding functionalities, working with databases.

Introduction to R Software (NPTEL Online Certification) (08/2018 - 09/2018) [🔗](#)

The training introduced me to programming in R, working with datasets, data visualization, statistical inferences, using libraries like ggplot2, etc.

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency