Kshitij Sinha

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BLOG:Data Dweebs

PROJECTS

SECURITY SYSTEM FOR PUBLIC PLACES BASED ON IMAGE CLASSIFICATION - *Self Undertaken*

JAN 2020 - PRESENT

- Using CNN concepts of Deep Learning for Image Processing on the different things captured by the camera, classifying the given images as human or animal
- Using Keras library and TensorFlow backend

4xray - *A student helping hand Application*

NOV 2019

- An app to help college students get through college life by providing them with important books and notes at a distance of one click.
- Provides downloadable content for a wide variety of subjects and students

BOOK-PYTHON PROGRAMMING (by Priti Rai Jain) - *Contributor*

JAN 2020 - PRESENT

- Working on a Python Programming book written with a problem-solving approach
- Helps anyone to start python programming from scratch to masters

PNEUMONIA ANALYSIS BASED ON CHEST X-RAYS - *Self Undertaken*

JAN 2020 - PRESENT

- Using CNN concepts of Deep Learning for Image Processing, classifying the given X-Rays as Normal or Pneumonic
- Using Keras library and TensorFlow backend

SKILLS

Technical Skills:

- Machine Learning, NLP, Reinforcement Learning
- Deep Learning, Neural Networks
- DS and Algo with C++
- App development
- Content Writing

Frameworks/Languages:

C/C++, Python, flutter, android studio, Java, TensorFlow, Keras, Git(basics), SQL, R(familiar)

Others:

Team-Work, Hardworking, Creative, Communication, Time Management, Logical/Analytical Thinking, Team Management

INTERESTS AND HOBBIES

- Competitive Coding
- Sketching
- Football,Badminton and Swimming

POSITIONS OF RESPONSIBILITY

- Co-Founder, Secretary of Quizzing Club Vor-Enkis(2017)
- Football Coordinator (2019-present) IIIT Bhopal

CHATROOM USING PYTHON - *Self Undertaken*

JAN 2020

- A simple Chatroom using python to connect multiple clients to a server on a local host.
- Application of sockets in python

EDUCATION

- **Indian Institute of Information Technology** - *B.Tech-ECE*

  MAY 2018 - MAY 2022 (Expected)

- **Venkateshwar International School**

  (2018) CLass 12 - 90% (95/100 in Mathematics)

  (2016) Class 10 - 9.8 CGPA

CERTIFICATIONS AND ACHIEVEMENTS

- Machine Learning by Andrew Ng(Sept'19-Present)
- Machine Learning A-Z (Sept'19-Jan-'19) (Udemy)
- Complete Python Developer in 2020 (Nov'19-Present) (Udemy)
- Complete Android Developer Course (Jan'19-Present) (GDG Bhopal)
- IoT and Cloud Training at IITD (June'19)
- Machine Learning, WebD, Robotics workshop at IITK(Dec'18)
- Runner's Up at Mount Carmel Quiz (2nd position trophy + Cash prize of 1600 rupees)(2017)
- Football Team,IIIT Bhopal
- Table Tennis Gold medal in Sporlumina 2k19 (Dec'19)
- Blog on Data Science named "Data Dweebs"