Neelkant Newra

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INTERNSHIP

Convolution Neural Network Intern   **May 2021 - August 2021**
CODE 13 EDUTECH PRIVATE LIMITED   **Nagpur(Remote)**

- Implement **human handoff** using **socket programming**
- Worked on **rasa** to implement Pre-built **Machine learning** model to develop a chatbot
- **Open source** on RasaHQ, solved the Web-chat error issue, Example on ReadMe
- **Open source** on SurajPatil **QuestionAnswerGeneration, increase** the **efficiency** of the **model by 3%**

EDUCATION

Bachelor of Technology,Biomedical Engineering   **August 2018 - Present**
National Institute of Technology,Raipur   8.89/10

Senior Secondary,Science (CBSE)   **July 2015 - April 2017**
Jawahar Navodaya Vidyalaya Kanker   81.8/100

TECHNICAL SKILL

Development: Web App Development(Flutter), GUI Development(Tkinter)
Programming Language: Python, dart, SQL(Database management)
FrameWork: Flutter, RASA, Flask
Library: Numpy, Pandas, **OpenCV**, Tensorflow, Keras, Scikit-Learn, Qiskit, Tkinter
Tools: VS Code, GitHub, Google Colab, GitPod, FireBase
Software: Blender, MS-Excel, FCPX
Operating System: Ubuntu, Mac OS , Windows (XP,7,10)

PERSONAL PROJECTS

Review paper on Pneumonia detection using chest x-ray (August 2021 - December 2021)

- Research project, related with past work done on pneumonia detection using chest x-ray
- Learnt various aspect of writing research article.

BioActivity Of SARS Coronavirus (January 2021 - February 2021) (Link)

- Used **ChemBL** database to find the **bioactivity** of **COV-2** to discover the important protein that can bind with the virus

Face Recognition of Marvel character(April 2021 - May 2021) (Link)

- Used **OpenCV** inbuilt model **Haarcascade** , and **Haarcascade face recognition**

ACHIEVEMENTS/ CERTIFICATE

- Top 3000 in HackWithInfinity (Infosys)
- 283 ranked out of 7923 Participants in CodeChef Starters 7 Division 3 rating 1661 3★
- Top 500 in Tata Imagination Challenge out of 56000 Participant
- Certificate of Quantum Excellence by Qiskit Global Summer school
- Machine learning by Andrew Ng (Coursera)
- Data Visualisation using Python by IBM