

Gulshan Kr. Sharma

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EXPERIENCE

DBT-Bioinformatics Infrastructure Facilities , Jaipur Research Intern

Sep. 2018- Sep. 2019

- Developed deep learning driven computer vision/imaging algorithms for embedded and mobile platforms.
- Assisted with a project "Travel of Phylogeny Tree".
- SW development, integration and test, including hands on experience with Deep learning frameworks
- Developed User Interface (UI) designs through prototypes and collaborative design reviews.

CCT, University of Rajasthan, Jaipur Software Engineer Intern

Mar. 2017 - Aug 2017

- Collaborate with the team in designing and developing solutions.
- Focused on user experiences and design responsive web based friendly user-interface.
- Developed a REST API to ease compilation and .

EDUCATION

Centre For Converging Technologies, University of Rajasthan, Jaipur — MS

Integrated Master of Technology(MS) in Information and Communication Technology and minor Neuroscience. CGPA: 4.0/6.0.

Relevant Coursework :Data structures and Algorithms, OOPs,Network Security, Deep Learning , Machine Learning, Probability and Statistics, Applied Maths.

PROJECTS

Pneumonia Detection using Transfer learning

Tensorflow, python

- Built a neural network that classify pneumonia in chest X-ray.
- Achieved 83.6% accuracy by implemented Xception compared to VGG16 and Inception neural networks.
- Deployed a web app using flask that predict pneumonia.

SKILLS

- **Languages:** Python, JavaScript, C++, Java, C
- **Libraries:** TensorFlow, Git, Keras, Scikit-Learn, Numpy, Pandas, Spark(prior), HDFS, Jupyter, CUDA, SystemML
- **Databases :** NoSql, MongoDB, Neo4j(graph database), MySQL
- **Frameworks :** Nodejs, Flask

ACHIEVEMENTS

- Won 2nd place out of 50 at MLH localhost Hackathon, JECRC University 2018.
- Selected for 2 days workshop at Indian Statistical Institute, Kolkata 2019 out of 10000 students.
- Attended Microsoft Azure workshop at IIIT , Kota 2019.
- Placed 7th out of 60 at LNM hacks3.0 sponsored by Github: Campus Edition at LNMIT, Jaipur 2018.

LANGUAGES

English, Hindi