

# 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.

## 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.**

## PROJECTS

### Pneumonia Detection using Transfer learning Tensorflow, Python, Flask

- 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 application using flask on linux server.

## 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
- **Server :** RHEL, Windows, Linux

## 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.**

## RELEVANT COURSEWORK

Data structures and Algorithms, OOPs, Network Security, Deep Learning , Machine Learning, Probability and Statistics, Applied Maths, Artificial Intelligence, Server Installation, System Design, Cryptography

## LANGUAGES

English, Hindi