Gulshan Kumar Sharma

Machine Learning Engineer

Strong in design and integration with intuitive problem-solving skills. Proficient in C++ Python, JavaScript. Ability to translate business requirements into technical solutions.

Jaipur, Rajasthan, India
(+91)8302868161,
gulshankrsharma96@gmail.com
Linkedin: gulshan-gaur-149783b6
Github: Gulshan-gaur

EXPERIENCE

DBT-Bioinformatics Infrastructure Facilities , Jaipur

Research Intern

Sep 2018 - Sep 2019

- Developed a highly scalable deep learning driven computer imaging algorithms for embedded and mobile platforms and achieved 86% accuracy .
- Deployed Logistic Regression, Random Forest, SVM, etc. for classification models to boost average click by 25%.
- Deployed a spark cluster on private cloud network using distributed system that increased, node searching 100 times faster in 18M nodes.
- Optimized GPU-based real-time data analyses and speed up more than 10 times.
- Led two projects "Travel of Phylogeny Tree " and "Chestx".

CCT, University of Rajasthan, Jaipur

Software Engineer Intern

Mar 2017 - Aug 2017

- Increased web traffic125% by improving navigation, creating dynamic media sections, introducing virtual tours and adding social media plugins.
- Designed processes for cleanup and performance that minimized downtime by 13%.
- Designed APIs to handle requests at a load of 400 requests per minute.

EDUCATION

University of Rajasthan, Jaipur

- Master of Technology(MS) in Information and Communication Technology and minor Neuroscience. **Cumulative GPA: 3.83/4.0**

PROJECTS

- **Pneumonia detection.** Built a neural network that classify pneumonia in chest X-ray, achieved 83.6% accuracy. **Tensorflow, Python, Flask**
- **User-authentication system.** It generate a token and stores them in local storage with user information. **Node.js, express, JWT, Mongodb, Passport**
- **Wine quality checker.** A ML app that predict wine quality about 99% accurate. **Python, Flask, Git**
- **Reverse shell.** A multi-client, multi-threaded reverse shell. **Python, Socket, Linux**

SKILLS

- **Languages**: Python, JavaScript, C++, Java, C
- **Libraries**:TensorFlow, Git, Keras, Scikit-Learn, Numpy, Pandas,Spark(prior), HDFS, CUDA, SystemML, OpenGL
- **Databases** :Relational databases, MongoDB, Neo4j(graph database), Sql
- **Frameworks** : Node.js, Flask
- **Server** : RHEL, Windows, Linux, Unix

ACHIEVEMENTS

- Won **2nd** place out of **50** at MLH localhost Hackathon, **JECRC** University 2018.
- Selected for 2 day 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, Object-oriented design, Deep Learning , Machine Learning, Probability and Statistics, Applied Mathematics, System Design, Server Installation, parallel computing

SOFT SKILLS

Agile, Adaptivity, Problem Solving,

Fast learner, Collaborative, Abstractive