Shalini Rai

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EDUCATION

Centre for Development of Advanced Computing **Pune**
Big Data Analytics/Post-Graduate Diploma *Feb 2019*
- Grade A - 76%

Dr. APJ Abdul Kalam Technical University, Lucknow **Bareilly**
Electronics & Communication Engineering/Bachelor of Technology *July 2017*
- First Div. (Hons) - 80.24% (Rank: 3/110)

WORK EXPERIENCE

Xcaliber Infotech Pvt Ltd **Pune**
Junior Data Scientist *May 2019 - Jun 2021*
- Involved primarily in Time Series Forecasting, NLP, and Classical Machine Learning projects for clients in Logistics and Supply Chain Management.
- Sentiment Analysis - For popular mobile phone models from Social Media websites and News articles using BERT with PyTorch, and NLTK. Deployed Flask API on a remote Linux server.
- E-Commerce Website Mobile Price Forecasting - Performed Web Scraping using Selenium and forecasting using SARIMAX, FBProphet and LSTM. Automated the pipelining and performed predictions using Random Forest and Linear Regression.
- Cosmetic Grading Machine - Used CNN with Tensorflow and Keras for modeling of image data, OpenCV for image manipulation & Tensorboard for visualization of tensors.

Larsen & Toubro Ltd **Mumbai**
Intern *June 2016 - July 2016*
- Worked in the Heavy Engineering Department's Product and Technology Development Centre (Electronics) on design of Self-Propelled Howitzer K9 Vajra-T.

ACHIEVEMENTS

Namibia University of Science & Technology, Namibia **Remote**
Invited Speaker - Delivered guest lecture on Introduction to Distributed File Systems *Dec 2020*

Annual Merit Scholarship - SRMS Institutions **Bareilly**
Awarded scholarship of merit for three consecutive years. *2013-14, 2014-15 and 2015-16*

Winner - Zonal Round of Robotryst, IIT Delhi **Bareilly**
Won zonal-level robotics competition organised by IIT Delhi *Apr 2016*

Scholarship of Merit - Larsen & Toubro Ltd **Mumbai**
Awarded scholarship of merit for outstanding academic performance in 10th and 12th std. *2010 and 2012*

CERTIFICATIONS

Complete Linear Algebra: Theory and Implementation, Udemy *May 2020*
Deep Learning with TensorFlow, Cognitive Class IBM *May 2020*
Deep Learning: Face Recognition, Linkedin Learning *Apr 2020*
Statistics for Data Science and Business Analysis, Udemy *Apr 2020*

SKILLS & INTERESTS

Skills: Machine Learning, Deep Learning, Python, SQL, NLP, Pandas, Numpy, Selenium, Web Scraping, Tableau, Matplotlib, Scikit-learn, Plotly, Pytorch, Regression, Classification, Decision Tree, Random Forest, Time Series Forecasting, ARIMA, FBProphet, LSTM, Tensorflow, Keras.

Languages: English, Hindi