Manish Shukla

(469)380-3183 | Email | Website | LinkedIn | Github | IBM Data Science | Valuable Award'17 | Forbes 30 Scholar

EDUCATION

The University of Texas at Dallas | M.S., Business Analytics (Data Science)   August 2018 - May 2020
University of Mumbai, India | *B.E., Electronics & Telecommunication*   August 2011 - June 2015

CERTIFICATION & TECHNICAL SKILLS

Languages: Python, R, SAS, PL/SQL, NoSQL, Stata, MATLAB, Flask, Hive, Spark, Scala, HTML, Swift, PyClip, NLTK
Tools: Tableau, Hadoop, PostgreSQL, SPSS, MongoDB, Adobe Analytics, Power BI, MS Excel, MS SQL, Xcode
Methods: Predictive and Statistical Modeling, Quantitative Analysis, Neural Networks, Time Series Analysis
Certification: Stanford Machine Learning, UC San Diego Python Data Products, UC Davis Tableau, IBM AI Professional
Courses: Data Science Statistics, Machine Learning, Big Data, Predictive Models, Econometrics, NLP

BUSINESS EXPERIENCE

Data Scientist Co-op - **TechStar Group,** Irving, TX, USA   December 2019-Present
- Building a AI/ML model to predict which server needs to be patched for 5G upgradation, benefits up to $1.7 million

Data Science Intern - **Truevim,** Lewisville, TX, USA   August 2019-November 2019
- Developed a Time series ARIMAX and VAR model, which helped to forecast by considering exogenous variables
- Built appropriate regression models to predict house price and deployed using Flask to create proof of concept API
- Staged web scrapping to extract 5+ million raw data by using Beautiful Soup, cleaned and preprocessed to convert into 300+ features for exploratory data analysis to provide descriptive statistics and built machine learning models

E-Business Analytics Intern - **Mary Kay Inc.,** Dallas, TX, USA *(WOW Award)*   May 2019 – August 2019
- Performed Segmentation on 2+ Million customers with K-means clustering to target customers in the United States and redefined marketing strategies, which increased conversion rate by 9%
- Designed interactive dashboards in Tableau by inspecting website traffic using Google Analytics and provided insights across regions for sales, revenue and cost and improved sales by 12%
- Introduced 4 actionable changes after analyzing customer demands and KPI's which increased revenue by 18%

Data Analyst and Code Enhancer - **Larsen & Toubro Infotech Ltd (LTI),** Mumbai, India   June 2015 – June 2018
- Added 450+ functionalities, 100 suggestions to improve stability and automated daily tasks, which resulted in savings of $ 12 million, system stability up to 60% and averted 20+ hours of manual efforts on weekly basis
- Created database objects such as tables and views to catch client information and expanded meaningfulness of 1 million+ records, which optimized system efficiency by 22%
- Manufactured a model using Python to anticipate the buy probability of a client, who is in the middle of statement and strategy buy arrange and distinguished the factors that affected client transformation rate essentially

ACADEMIC PROJECTS

Sign Language Interpreter (*UNT Hackathon Winner*) | Deep Learning, TensorFlow, Keras, OpenCV | Github | YouTube
- Developed tool to help 70 million people suffering from hearing disability by converting sign language into words
- Trained a convolutional neural network to predict ASL hand gestures in live video feed with an accuracy of 96.2%

Identify Diabetic Patient Readmission | Python, Advanced Excel (PivotTable, VLOOKUP), Seaborn | Github | YouTube
- Performed Classification to identify which diabetic patient will be readmitted within next 30 days after discharge
- Cleansed and modified data of 130 hospitals to build ML model and obtain statistical insights

Fraudulent Firm Identifier | Machine Learning, Tableau, Scikit-Learn, NumPy, Pandas, Matplotlib, Graphviz | Github
- Built audit applications to help the auditors by building a classification model that can predict the fraudulent firm
- Designed a model with prediction up to 97.4% using SVM, Decision tree and Random Forest

Human Identification using Ear (*2nd Prize in National Showcase*) | MATLAB, SQL, C++, HTML, Advanced Excel (Macros)
- Developed application which shows eligibility of using ears as a reliable biometric for human identification
- Provided best accuracy of 97.2% using Log Gabor filter for Image Processing and built database for 90K+ Images

LEADERSHIP & ORGANIZATIONS

Envision, UT Dallas – SUG Head; **Indian Student Association, UT Dallas –** Student Officer; **Honda-ADM,LTI** – Team Lead
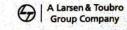
Valuable Performance, 2017

Awarded to

Manish Shukla

Manish supports 60 applications with no escalations. He quickly gained application knowledge and processes. Apart from taking up complex work, he has always shown readiness to share and help other team members during crisis. His out-of-the-box thinking with strong technical and quick analytical skills have made him an asset for the team.

Sanjay Jalona

Sanjay Jalona
Chief Executive Officer & Managing Director

A Larsen & Toubro
Group Company

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9 Courses

What is Data Science?

Open Source tools for Data Science

Data Science Methodology

Python for Data Science

Databases and SQL for Data Science

Data Analysis with Python

Data Visualization with Python

Machine Learning with Python

Applied Data Science Capstone

02/22/2019

Manish Shukla

has successfully completed the online, non-credit Specialization

IBM Data Science Professional Certificate

In this Professional Certificate learners developed and honed hands-on skills in Data Science and Machine Learning. Learners started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process they completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate their knowledge and skills.

Joseph Santarcangelo
Senior Data Scientist
IBM

Polong Lin
Data Scientist, IBM

Alex Aklson, Ph.D.
Data Scientist

Rav Ahuja, MBA
Data Science & AI
Program Manager,
IBM

Saeed Aghabozorgi
Sr. Data Scientist
IBM