UTKRISHT SHARMA

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Summary

• Engineering the Space Shuttle (MITx - 16.885x)
• Aerospace Engineering: (MITx - 16.00x)
• Computer Aided Design Models for Rockets and Aerospace
• Proficient in scripting with Python and JavaScript.
• Expertise in analyzing data using HiveQL and PySpark.
• Expertise in AI, ML, INTERPOLATION algorithm implementations.
AI & Machine Learning Data Analytics & Data Science Python NODE JS ,EXPRESS HADOOP Database
Management System (DBMS) SQL/NO-SQL Data Structures, Data Mining Computer Networking C,C++,
HTML,CSS,PHP UNIX/LUNIX
• Experience in multivariate analysis techniques like Linear & Logistic Regression, Segmentation (Clustering &
Decision Tree's), Healthcare Analytics (Predictive analytics), App analytics.
• Expertise in big data technologies – Hive, Spark, HBASE, PIG and SQOOP.
• Proficient in building algorithms for business analytics.
• Experience in the development of marketing and CRM models (Cross-sell & upsell).
• Expertise in embedded system programming and development.

Experience

Hackathon Team Lead

ACM, Association for Computing Machinery

Jul 2021 - Present (1 month +)

Leading the Hackathon team and events

Researcher

Asociación de Investigacion en Inteligencia Artificial Para la Leucemia Peter Moss

Apr 2020 - Present (1 year 4 months +)

Analyst

EY

Nov 2020 - Dec 2020 (2 months)

worked as a tax analyst , automatic script processing and monthly data procession without human
intervention and using python for other automatic scripting for huge amount of tax transcripts.

Software Development Engineer

Yactraq Online Inc.

Mar 2020 - Nov 2020 (9 months)

Audio mining, Speech Analytic System

AI/ML (CNN models for semantic and sentiment analysis)

Data Scientist

Aerogram

Dec 2019 - Jan 2020 (2 months)

Predicting/Forecasting the pollution and atmospheric data with mathamitical models.with 95% accuracy
for 5 minutes saving aerogram 500% storage space.

Predicting the sensor values in-between different sensors allocated by "IIT Delhi"
using geospatial interpolation saving them a huge cut from collosal initialization and calibration of new
sensors .

Analyzing sensors data from AQM and different atmospheric sensors.

Software Engineer
proud care foundation
Apr 2018 - Oct 2019 (1 year 7 months)

Education

San Francisco State University
Master of Science - MS, Computer Science
Dec 2020 - Present

Amity University
Bachelor of Technology, Computer Science
2015 - 2019

Licenses & Certifications

PATENT (Detection of soil pollution and Garbage in society using AI based Drone Swarm) - Indian Patent Office
201911016202

Unmaned Aerial Vehicle using Reinforcement Learning - International Journal for Scientific Research & Development
IJSRDV7I31172

Programming for Everybody (Getting Started with Python) - Coursera
8FENXED9LQT7

AWS Certified Machine Learning - SPECIALTY - Amazon Web Services (AWS)
F0AW_SI1e0K8W5JeZtpeGw2

AWS Analytics Services - Amazon Web Services (AWS)
F0AW_SI1e0K8W5DDhssvhsq3

FULL STACK WEB DEVELOPER - IITCL
C-2199-81199WD

Introduction to Artificial Intelligence - IBM

Introduction to Artificial Intelligence

AI using IBM Watson - IBM

57714c8f88fe17c154497ce64dc2a442

Building AI Powered Chatbots - IBM

f6828d88cda5b65012bbe488f157fb53

Python for Data Science and AI - IBM

35941e3238503f5351f0380d4e6ee368

Python for Data Science and AI - Coursera

1fd6677d-25c5-4006-aa00-c046fa7d56ac

SAN FRANCISCO STATE UNIVERSITY - NOT ANYMORE FOR GRADUATES - San Francisco State University

Skills

Data Analysis • Artificial Intelligence (AI) • Neuroscience • Strategic Planning • Machine Learning • Business Analysis • analytics • Research • Network Security • C (Programming Language)