UTKARSH SHARMA

Data Science & BI | web3 & iOS Developer

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WORK EXPERIENCE

Blockchain Analyst   June 2021 - Present
Polygon | Santa Monica, CA (Remote)
- Analysis of on-chain metrics and org. data to prepare reports and dashboards for the leadership and executive team
- Handling Looker migration and leading Business Intelligence at org. Automating OKRs and reporting for various teams
- Developing efficient ETL processes for various departments from scratch, working alongside the Data Engineering team with Composer/Airflow, dbt, and Python scripting
- Identifying, monitoring, and reporting KPIs on a network and application level, plus delivering data-driven insights for marketing and partnerships/institutional teams
- Expediting novel user behavioral analytics project, aggregate scores for executive insights

Artificial Intelligence Engineer   January - March 2021
Digital Product School by UnternehmerTUM | München, Germany
- Conducted research, user interviews, organized and streamlined data in a collaborative database
- Led the development of Machine Learning models and the MVP mobile app presented to stakeholders from München Transport and Tariff Organisation, IABG and AISIN

Data Science TA   January - March 2020
techBlocks | New Delhi, India
- Assisted two cohorts in the Data Science course and contributed to coursework curation & evaluation of tutorials

iOS Developer Intern   October - December 2018
Comingoo | Remote
- Key contributor in the production of the iOS app - deployed the Beta build from scratch within 20 days

EDUCATION

Amity University, Amity School of Engineering and Technology   2018 - 2022
Bachelor of Technology in Computer Science & Engineering | 8.2 GPA
Merit scholarship facilitated by Amity University under Scholar's Fast Track Admission-cum-scholarship program

Rukmini Devi Public School, New Delhi   Class of 2018
High School - 9.8 GPA, 12th Grade - 92.4%

SKILLS AND COMPETENCIES

- <u>Programming Languages:</u> Python, Swift, Solidity, R
- <u>Data:</u> SQL, BigQuery, dbt, BigQuery, and Google Analytics, Python
- <u>BI:</u> Looker & LookML, Tableau
- Smart Contract Development with Solidity
- <u>Development:</u> iOS Development with Swift, Ethereum, React, Flask, Heroku

RESEARCH PUBLICATIONS

- Predicting Bridge Damage During Earthquake Using Machine Learning Algorithms (Confluence 2021, IEEE)
- Automated stock recommendations using Financial Indicators and Machine Learning (CADSCOM 2021)
- Blockchain and Machine Learning based peer-to-peer lending for the post-pandemic economy (DY Patil B-School Conference)
- Predicting and Improving Entrepreneurial Competency in University Students using Machine Learning Algorithms (Confluence 2020, IEEE)

PROJECTS AND ACHIEVEMENTS

- 1st Place at McKesson Corporation & Girls in Tech Virtual Hackathon with the mobile application *Pink+*, comprehensive aid for Breast Cancer patients and survivors **[Tech Stack: Swift, Python, Machine Learning]**
- 1st Place - Siemens Energy's Clean Energy Competition, Schneider GoGreen 2021 Greater India Finalists and Runner-ups at University of North Carolina and John Deere's HackNC 2020 with *SolarX*, an AR and ML-based Solar Power assistant **[Tech Stack: Swift, Python]**
- Runner-ups at Code with GlobalShala 2.0 organized by GlobalShala with *BlockCred*, a blockchain-based certification platform. Awarded a USD 4000 scholarship by Northeastern University **[Tech Stack: Ethereum, Solidity, React]**
- 4x Polygon Network, Celo & Portis track prize winner in various hackathons **[Tech Stack: Ethereum, Solidity, React]**