

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 Munich 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

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

RESEARCH PUBLICATIONS

Predicting Bridge Damage During Earthquake Using Machine Learning Algorithms (Proceedings of Confluence 2021, IEEE)

Automated stock recommendations using Financial Indicators and Machine Learning (Proceedings of CADSCOM 2021)

Blockchain and Machine Learning based peer-to-peer lending for the post-pandemic economy (Proceedings of DY Patil B-School Conference)

Predicting and Improving Entrepreneurial Competency in University Students using Machine Learning Algorithms (Proceedings of 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, React]

4x Polygon Network, Celo & Portis track prize winner in various hackathons [Tech Stack: Ethereum, Solidity, React]