

UTKARSH SHARMA

Data Science & BI | web3 & iOS Developer

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WORK EXPERIENCE

Senior Associate Data Analyst

June 2021 - Present

Polygon Labs | 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 (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]