

# UTKARSH SHARMA

BI and Data Science | web3 & iOS Developer

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## WORK EXPERIENCE

### Blockchain Analyst

June 2021 - Present

Polygon (previously Matic Network) | Santa Monica, CA (Remote)

- Analysis of on-chain metrics, org. data, and prepared reports and dashboards for the leadership team
- Handled Looker migration and led Business Intelligence at org.
- Developed efficient ETL process for various departments from scratch, working alongside Data Engineering team with Composer/Airflow, dbt, and Python scripting
- Identified, monitored, and reported KPIs on a network and application level, plus delivering data-driven insights for marketing and partnerships/institutional teams
- Expedited 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%

Core team member of the school's Computer Society - The Digilogous

## SKILLS AND COMPETENCIES

- Programming Languages: Python, Swift, Solidity, R
- SQL, BigQuery, dbt, BigQuery, Google Cloud Storage, and Google Analytics
- BI: Looker and 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

First place at McKesson Corporation and Girls in Tech Virtual Hackathon with the mobile application **Pink+**, comprehensive aid for Breast Cancer patients and survivors [ Tech Stack: Swift, Python, Machine Learning ]

Global Winner - 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 and Portis track prize winner in various hackathons [ Tech Stack: Ethereum, Solidity, React ]