UTKARSH SHARMA

Data Science | iOS | Blockchain Developer

C-273 Millenium Apartments, Sector-18, Rohini, New Delhi, India - 110089
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WORK EXPERIENCE

Artificial Intelligence Engineer   January - March 2021
Digital Product School by UnternehmerTUM | Münich, Germany
- Conducted research, user interviews, organized and streamlined data in a collaborative database
- Worked in a cross-functional agile team with developers, designers, and product managers
- Led the development of Machine Learning models and the MVP mobile app presented to stakeholders from Münich Transport and Tariff Organisation, IABG and AISIN

Data Science TA   January - March 2020
techBlocks | New Delhi, India
- Assisted two cohorts of students in the Data Science course
- Contributed to coursework curation and 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 for the early-stage startup

EDUCATION

Amity University, Amity School of Engineering and Technology   2018 - 2022
Bachelor of Technology in Computer Science & Engineering | 7.97 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, C++, Swift, Solidity, R, Java
- **Machine Learning and Data Analysis**
- **Analysis:** MS Excel, Tableau, Power BI
- **Development:** iOS Development with Swift, Ethereum, and Celo Blockchain
- **Web:** React, Flask, Heroku, GCP
- **Databases:** SQL, Firebase, Strapi
- **Version Control with Git/GitHub**

RESEARCH PUBLICATIONS

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

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

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 Xplore

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]**

Schneider GoGreen 2021 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]**

2x Polygon Network and Portis track prize winner in university hackathons **[Tech Stack: Matic, Ethereum, Solidity, React]**

Finalist at HackTX with *Bullz and Bearz*, an ML-based stock recommendation app **[Tech Stack: Swift, Machine Learning]**