VARUN MISHRA

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ABOUT

Software Engineer with in-depth knowledge of programming and research methodologies. Interested in a challenging technical track. Proficient knowledge in statistics and a good understanding of behavioral economics and finance. Passionate about Intuitive Al and seeking to leverage analytical/people skills to improve corporate performance as an engineer.

SKILLS

Python Programming | Behavioral Economics | Econometrics | Quantitative Finance | Tableau | Machine Learning | MS Excel | Statistical Analysis | Feature Engineering | Financial Research | Data Analysis | Risk Management

ACCOMPLISHMENTS

Secured second position (out of the forty-seven participating colleges) at the National Convention on 'Research & Innovation in Science & Engineering 2019' held at the University of Petroleum and Energy Studies.

PROJECTS

Central Pollution Control Board Ministry of Environment, Forest and Climate Change - Government of India. New Delhi
IIT Delhi | MRIIRS - Faridabad, Haryana

Feature engineering, helped in creating better results using Multi-feature arithmetic and Principal component analysis.

Intuitive Crash Avoidance
University of Petroleum and Energy Studies | Dehradun

Created an Application to increase driver safety using OpenCV. Intuitive Al and integrating with a behaviour database and various graph traversal algorithms to provide safety at the lowest cost possible with only 2 cameras.

Dynamic Bus Routing - FIA
Faridabad Industries Association | Haryana

Created a small scale (scalable) bus routing algorithm integrated with Firebase to create more efficient routes in a given area.

EDUCATION

Manav Rachna International Institute of Research and Studies | CSE   Expected Aug. 2020
- Computer Science & Engineering

Father Agnel School | PCM Stream
- All India Senior School Certificate Examination
- All India Secondary School Examination