Vishesh Sinha

2023 Graduate | University of Delhi

Results-driven Information Technology student from University of Delhi, with a focus on Machine Learning, Blockchain & Cybersecurity. Excellent problem-solving skills and ability to perform well in a team. Seeking to grow and develop my own skills as a coder.

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EDUCATION

B.Tech in Information Technology & Mathematical Innovation
Cluster Innovation Center, University of Delhi

08/2019 - Present   *CGPA: 8.9/10*

Courses
- Major: IT & Mathematics
- Minor: Systems Biology

PROJECTS

Point of Sale API on Ethereum Blockchain Network (09/2021 - Present) ⧉
- Payment Gateway for E-Commerce Websites: Developed Point of Sale (POS) API for e-commerce applications to accept payments through cryptocurrency
- Project Repository / Writeup - Github / Devfolio
- **Tech Stack** - Solidity, Brownie, Ganache CLI, Heroku, JavaScript, MongoDB, Git Version Control

Energy Consumption Model | Semester Long Project (03/2021 - 06/2021)
- Performed data analysis on open source data available for energy consumption
- Made Multiple Time Series Models for Future Prediction of Energy Consumption based on atmospheric factors with 96-98% accuracy
- **Tech Stack** - Tensorflow, Python, Google Collab

Jane Street Market Prediction (11/2020 - 08/2021)
- Used the historical data, mathematical tools, and technological tools to create a model that gets as close to certainty as possible for predicting the financial markets
- Tested on Live Market Feeds for 6 months after the final model
- Secured Rank 304 out of 4200+ teams on Kaggle Competitions
- **Tech Stack** - keras, tensorflow, jupyter, GPU

SKILLS

Problem Solving | Python | DS & Algo
Git Version Control | SQL | Solidity | Tensorflow
Brownie | Networking | Communication Skills
Data Analysis | Shell Scripting

ACHIEVEMENTS

Kaggle Competition Rank 304 / 4245 (Bronze Medal) | Machine Learning Competition (11/2020 - 08/2021) ⧉
Jane Street Market Prediction: Test your model against future real Market Data

Google HashCode 2021 Rank 3031/15K+ | Coding Competitions (03/2021)

All India Rank 7 in NTA DUET 2019 ⧉
Secured AIR 7 in NTA DUET(Delhi University Entrance Test) out of 20K+ candidates.

CERTIFICATES

Neural Networks and Deep Learning (04/2020)
DeepLearning.AI - Online Course - Certificate

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization (05/2020)
DeepLearning.AI - Online Course - Certificate

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

INTERESTS

AI & Machine Learning | Cybersecurity | Blockchain
Competitive Programming | Geopolitics
Personal Finance