Aditi Anil Pulikottil

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Education

Indian Institute of Engineering Science and Technology, Shibpur	CGPA 9.19/10
Bachelor of Technology in Information Technology	*August 2024 – Present*
Kendriya Vidyalaya No.1 Salt Lake, Kolkata	94.2%
12th grade, CBSE	*2023-2024*
Kendriya Vidyalaya No.1 Salt Lake, Kolkata	93.6%
10th grade, CBSE	*2021-2022*

Projects

Adobe: Behaviour Simulation Challenge | *Python, Computer Vision, NLP*   ⚙ GitHub

- Utilised behavior simulation to predict tweet engagement by considering factors like username, text, and attached media. Trained on **50,000 samples** taken from a **300,000 corpus of data**. Realised **R2 score of 0.932**.
- Content Generation: generated compelling tweets for optimal engagement, utilizing username, media, and targeted likes.

Zelta: Crypto Trading Challenge | *Python, Deeplearning, Timeseries, Finance*   ⚙ GitHub

- Developed a deep learning network to forecast hourly closing prices of BTC/USDT based on the preceding six close prices. **MACE of 0.985**
- Created novel risk optimised trade signals which outperformed the benchmark returns. Generated a **13.78 times returns** over a 4 year time period with a **maximum drawdown of 16.12%**.

Technical Skills

Languages and Frameworks: Python, C, C++, Git
Key Skills: Data Structures and Algorithms, HTML, css, JavaScript, Figma

Achievements

Inter IIT techmeet 13.0

- **Secured Bronze Medal** in PS-3, Zelta Automations: Untrade Challenge.

Inter IIT techmeet 12.0

- **Secured 9th position** in PS-8, Adobe: Behaviour Simulation Challenge. CERTIFICATE
- **Placed 11th** in PS-5, ZeltaLabs: Crypto Trading Challenge. CERTIFICATE

Competitve Programming

- Achieved a peak rating of **1666** on LeetCode
- 4 Star coder at CodeChef with a peak rating of **1893**
- Earned **Specialist** status on CodeForces with highest career rating of **1510**

JEE Advanced | *AIR 6631*

- Secured an All India Rank of **6631**