RUSHIL GUPTA

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Education

Pathways World School, Noida, India (IB Diploma)   2015- 2023
- **Grade:** 39/45
- **Honors:** The Outstanding Initiative and Technology Proficiency Award
- **Subjects:** HL: Economics, Computer Science, Math AA; SL: Physics, Hindi B, English A
- **Extended Essay:** Analysing of the impact of PMJAY on citizens in Bhangel, Gautam Buddha Nagar.

Freelancing & Entrepreneurship

Trading Algorithms: Developed trading algorithms that trade on multiple stock and crypto exchanges
- Wrote modular and extendable data feed logic to simplify and standardize live data collection
- Developed a proprietary paper-trading software to mimic stock exchanges to test trading algorithms
- Coded broker and feed logic for Zerodha, Finvasia, Binance, IG, and ICICI Direct
- Compiled a dataset spanning 20+ years, comprising daily timeframe data for all instruments on the NSE

Wear Blame: Founded an online clothing brand
- Brought in revenue of over 2,00,000 INR over 3 months
- Developed the brand website and acquired customers through rigorous marketing
- Created an order pipeline by identifying suppliers and ensuring order fulfillment; Completed 500+ orders

Leadership

Founder and President: Investing Society of Pathways World School   2021-2023
- Pitched the idea to a panel of teachers to curate the interest of many students in financial markets
- Facilitated guest lectures in the school for students to interact with esteemed individuals
- Created and taught various modules on trading and investing

Pathways School Technology Coordinator   2021-2022
- Led the school's technology team for essential events such as seniors' graduation, fests, and assemblies
- Brainstormed and hosted inter-school and intra-school technology events

Academic and Extracurricular Honors

Honorable Mention, Singapore and Asian Schools Math Olympiad   2022
- Ranked 1st in the school; Competed with 400+ qualified participants internationally

Gold Medal, Aditya Birla Infinity Math Competition -   2022
- Won in the advanced category; Competed with 250+ participants internationally

Independent & Guided Projects

Mathematics Exploration: Using calculus to derive and measure the lateral surface area of a lamp to estimate production cost.

Physics Exploration: How does the power supplied to a dual-propellor-driven car with motors connected in parallel affect its acceleration over a distance of 2 meters?

Employee Management System: An online portal for corporate administrators to manage their company's employees, allowing them to apply for leave, take attendance, and choose employees of the month. Developed using Javascript, Next.JS, Tailwind, PostgreSQL, Python, Django, and Docker.