

Shlok Rawat

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KN Building, Bhandarkar Road, Matunga, Mumbai 400019.

EDUCATION

Hill Spring International School (HSI), Mumbai

2016 - Present

- **Grade 12, International Baccalaureate:**
HL - Mathematics - Analysis & Approaches, Physics, Economics
SL - Global Politics, English Language & Literature, Spanish Ab Initio
- **Grade 10, IGCSE (ICE Distinction):** Additional Mathematics (A*), Economics (A*), Computer Science (A*), Cambridge International Mathematics (A*), Physics (A*), Chemistry (A*), Literature in English (A*), Global Perspectives (A*), French (A*), First Language English (A)

STANDARDIZED TESTS

- **ACT, 35:** Science (35), Maths (36), English (35), Reading (34)

ACADEMIC HONORS AND ACHIEVEMENTS

- **AMC 10 Distinction - Top 5% (India rank 24), MAA** November 2021
- **AMC 12 Distinction - Top 2.5% - Qualified for AIME, MAA** November 2023
- **John Locke Essay Competition, Shortlisted Finalist (Commendation), John Locke Institute** June 2023
- **Rank 5 Overall Team - World Scholar's Cup Doha Global Round (1400+ teams globally)** June 2023
- **Rank 4 Overall Champion - World Scholar's Cup Local Round - Mumbai (300+ participants)** January 2023
- **Fermat Contest - International Honour Roll, University of Waterloo** February 2024
- **First Place Team, World Economics Cup National Round** April 2024
- **Top 10 Individual Scorer, World Economics Cup National Round** April 2024
- **3rd Place and Bronze Trophy, World Economics Cup Asia-Pacific Continental Round** September 2024
- **Silver Award (Top 20 Overall - Individual), World Economics Cup Asia-Pacific Continental Round** September 2024

LEADERSHIP POSITIONS

Secretary General of MUN Club

2023 - Present

- Organized Spring MUN 2024 with over 250 delegates, won 6 Best Large Delegation awards for Hill Spring including Best Large Delegation at Harvard MUN India 2023
- Run the MUN Club in Hill Spring with over 50 members and personally mentor students from Grades 5 to 10

FINANCE INTERNSHIPS & VENTURES

Founder, MoneyMinds Solutions (moneymindssolutions.com), Mumbai

2023 - Present

- Founded a SaaS company of bespoke finance software solutions devised using cutting-edge artificial intelligence and advanced programming techniques, featuring 3 main products:
 - o **'Project Plutus'** - uses Monte Carlo simulations to simulate portfolio performance under periods of stress, assessing whether a portfolio will be able to outperform the market in black swan events; used by Axis Bank, India's third largest commercial bank, and Kotak Bank, India's fourth largest commercial bank, to evaluate all the firms' portfolios worth over 50 billion USD each
 - o **'Project SentiScan'** - an advanced Natural Language Processing model created for the head of STEM at Remotasks and Scale AI that is engineered to conduct sentiment analysis through the Twitter API, discerning real-time market sentiment for targeted stocks. The model incorporates the Transformer Architecture and Contextual Word Embeddings to generate stock ratings based on sentiment analysis. Notably, the model achieves an accuracy of over 97%
 - o **'Project TradeOracle'** - a stock analysis tool for a Treasury Executive at The D. E. Shaw Group that uses a logistic regression model to predict the future price of a stock with an 8% margin of error. The software utilizes technical tools like Bollinger Bands and MACD, and also accounts for the liquidity of a specific stock while predicting prices

Intern, CredAble, Mumbai

June 2022

CredAble is one of India's biggest Fintech startups, specializing in supply chain financing and Selective Invoice Discounting

- Developed a software solution which calculates the optimal interest rate the firm should charge clients for Selective Invoice Discounts based on the repayment rate of companies that have raised the invoice; the software is now integrated in CredAble's system and manages the disbursement of over 1.3 billion USD per month

RESEARCH EXPERIENCE

Research Paper: AI-Powered Inclusion: Revolutionising Microfinance Accessibility in India

2024

- Mentored by Professor Ceyhun Elgin, former Director of the MA Program in Economics at Columbia University
- Wrote a paper analyzing the impact the integration of AI has on improving the accessibility of microfinance loans to the underprivileged in India
- Presenting paper at The Princetonian International Conference of High School and College Research

Research Paper: Are cryptocurrencies and digital assets in a bubble?, *Published in IJARIT* 2022

- Wrote a paper analyzing the cryptocurrency and digital asset market, using data and trends of past bubbles to conclude that cryptocurrencies were in a bubble, and evaluating the future of the asset class

Math Theorem: The Extended Infinite Geometric Series Theorem for 10-adic No. Conversion, *Published in IJFMR* 2023

- Devised a unique mathematical theorem proving that the infinite geometric series formula can be used in conversion between 10-adic and decimal numbers, which can make calculations in 10-adic numbers faster drastically improving efficiency in various fields such as cryptography and computing

EXTRACURRICULAR ACTIVITIES

Model United Nations 2019 - Present

- Secretary General of Spring MUN 2024 – hosting 250 delegates across 15 schools 2023 - Present
- Director – Spring MUN 2024 – Counter Terrorism Committee 2024
- 10 Best Delegate awards including one at HMUN 2022 and 6 Outstanding Delegate awards 2019 - Present

Debate 2018 - Present

- Rank 2nd in the Speech Debate India National Debate Tournament 2021
- Ranked 9th out of over 1400 teams in Debate at the World Scholar's Cup Global Round, Qatar 2023
- Ranked 1st out of over 300 teams in Debate at the World Scholar's Cup Local Round, Mumbai 2023
- Hosted the Hill Spring Debate Competition with over 50 participants 2024

Drama 2023

- Directed and starred in an award-winning play, securing the 'Best Actor' award from distinguished Bollywood personalities in front of an audience of over 500 people

MoneyTalks By Shlok, Podcast, *YouTube and Spotify* 2022 - Present

- Produced 7 episodes for my podcast covering interviews with professionals in the field of business and finance
- Interviewed the CEO of the 'Fintech Startup of the Year' award, one of India's largest wealth management firm's CEO, the founder of India's largest Venture Capital firm and many more unicorn founders

Battlefields To Businesses: The Bhagavad Gita's Blueprint to Succeed, Book 2023

- Authored a book about how the Bhagavad Gita's teachings are applicable even today, focusing on how to implement its teachings in everyday life, work and business to achieve success and fulfillment
- Donated proceeds of 500 sold copies to provide 2000 cows in Nathdwara, a Hindu town of worship, with reflective collars to ensure they are visible to drivers at night

COMMUNITY SERVICE

EducationEasy, NGO, 2020 - Present

- Founded an NGO dedicated to delivering e-learning resources to schools catering to differently-abled students across India
- Created a vast repository of e-learning resources for these students, encompassing over 100 audiobooks tailored for visually impaired students nationwide
- Implemented software to transform any presentation into a disability-friendly format by adjusting fonts, enhancing imagery, and modifying background colors
- With the support of 200 volunteers, directly impacted the lives of more than 15,000 differently-abled students, earning recognition through the prestigious 'Global Kids Achievers Award'

The Impact Institution, NGO 2021 - Present

- Founded an NGO committed to supplying physical educational resources to underprivileged schools catering to disabled students throughout India
- Fundraised over \$2500 to acquire educational supplies for these schools, forging a strategic partnership with Hindustan Pencils, India's largest stationery manufacturer, to secure over 3000 stationery kits at their manufacturing cost
- Delivered impactful presentations at the Rotary Club of Mumbai (500+ audience) shedding light on the challenges faced by the disabled in accessing educational resources. Additionally, addressed over 150 students within our school, raising awareness about the pressing issue

SKILLS AND INTERESTS

Languages: English, Hindi, French, Spanish

Programming Languages: Python, HTML, CSS, C, C++, Java, JavaScript, Flask, Django, R, MatLab, SQL

Interests: Reading, Public Speaking, Global Affairs, Finance, Programming, Playing the Guitar and Keyboard, Horse Riding