Chintan N. Ruparel

cr3745@nyu.edu | **New York City** | **+1 (929) 701-4862**

Linkedin | GitHub | Blog | TWODS Capital | Medium | Portfolio

EDUCATION

New York University, Tandon School of Engineering   *Expected - May, 2026*
Masters of Science, Computer Engineering
Relevant course work : Artificial Intelligence | Machine Learning | Internet Architecture

New York University, Stern School of Business
Relevant course work : Fintech | M&A Strategies

NMIMS University, MPSTME   *2018 - 2024*
Bachelors of Technology, Computer Engineering   *GPA - 3.33/4*
Relevant course work : Data Mining | System Security | Neural Networks | Deep Learning
Developed AI-driven biomedical pipeline for pneumonia detection.

WORK EXPERIENCE

Financial Strategist, Algobulls, *Mumbai, India*   **Aug 2021 - Present**
- Developed innovative trading strategies using insights from experienced traders & data scientists, resulting in a **15% return** through risk management & performance driven refinements.
- Designed & implemented **Python-based backtesting frameworks using LSTMs, & reinforcement learning models** to evaluate & optimize trading algorithms, identifying 15+ profitable investment opportunities.

Full Stack Developer Intern, EmReach, *Mumbai, India*   **Dec 2021 - Apr 2022**
- Enhanced web application performance using AMP, **slashing bounce rates by 60%** & elevating mobile conversion rates by **25%**.
- Spearheaded API enhancement & UI/UX development for a Fintech trading app with a projected **$10M revenue** potential.

Data Science Intern, KIFS Trade Capital, *Mumbai, India*   **May 2021 - Jun 2021**
- Supported the development of a trade system to enhance trade execution, manage risks, & analyze market trends, using Python & R to analyze over 500,000 financial data points.
- Strengthened software development & analytical skills through practical experience with **C#, C++, & quantitative finance techniques**, uncovering actionable insights for improved risk management & trade execution.

Android Developer Intern, EmReach, *Mumbai, India*   **May 2019 - Jul 2019**
- Engineered 5+ responsive Android & web applications, improving **user engagement by 20%** through optimized interfaces & seamless performance.
- Gained hands-on experience in a Software development life cycle (SDLC), from ideation & design to coding & testing, while collaborating on real-world software challenges.

LEADERSHIPS EXPERIENCE

Founder & CEO, TWODS Capital   **Oct 2022 - Present**
- Managed a diverse investment portfolio, ensuring 16% CAGR growth for 300+ clients.
- Provided market analysis, stock recommendations, & investment strategies, resulting in 10,000+ website engagements.

Co-Founder, Escape Inc   **Dec 2022 - Present**
- Developed scalable web applications using React, Node.js, & AWS for high-performance solutions.
- Implemented CI/CD pipelines & DevOps best practices to enhance deployment efficiency & system reliability.

AWARDS & LICENSES

Runner-up at Website Competition (MPSTME, Aug 2021): Acknowledged for designing innovative websites, demonstrating web development expertise, & excelling among 300 participants.

Student Ambassador Award (NMIMS, Apr 2024): Honored for leadership, community engagement, & academic excellence as a Computer Engineering student among a cohort of 300.

Investment Banking Micro-Internships at HSBC & JP Morgan Chase (NYU, 2024 - 25) : Gained hands-on experience in M&A strategy, financial modeling, debt financing, & competitive deal evaluation.

Licensed in Equity Derivatives – National Institute of Securities Markets (NISM), India: Demonstrates compliance with regulatory standards, ensuring ethical practices & alignment with financial industry expectations.

Licensed in Currency Derivatives – National Institute of Securities Markets (NISM), India: Reflects adherence to regulatory norms, promoting transparency & meeting industry regulatory requirements.

SKILLSETS

Programming & Development: Python, C++, Java, JavaScript, SQL
Web & Systems: React.js, Node.js, Web Technologies, Database Management, Cloud Computing
AI & Data Science: Machine Learning, Neural Networks, NLP, Data Mining, Optimization Algorithms
FinTech & Quantitative Analysis: Algorithmic Trading, Backtesting, High-Frequency Trading (HFT)