

EDUCATION

Program	Institution	%/CGPA	Completion
Chartered Financial Analyst (CFA) Level 1	CFA Institute	Qualified	December, 2009
B Tech in Computer Science and Engineering	Indian Institute of Technology Kharagpur	6.84	2011
XII	Modi Public School, Kota	84%	2006
X	Lakshmipat Singhanian Academy, Kolkata	88%	2004

ACADEMIC ACHIEVEMENTS

- Secured **AIR-315** in IIT JEE- 2007(Joint Entrance Exam for IITs). Top **0.01%** in the whole country.
- Special mention (top 10) in Overnite, an ACM-IPC programming competition organized by IIT Kharagpur, involving coding in C, C++ and Java, out of 500 teams participating.
- Awarded the National Talent Search (NTSE) scholarship by NCERT in 2004.
- Qualified the **Capital Market, Derivatives Market** and **Currency Derivatives** modules of **NCFM** (National Stock Exchange's Certification in Financial Markets).

INTERNSHIPS/PROFESSIONAL EXPERIENCE

- Quantech Ventures, Mumbai** May to June,2010
 - Development and execution of **Pairs Trading** Strategy for the **Algorithmic trading** section of a new trading platform for Indian Markets (NSE and BSE).
 - Development of a **worksheet function** for calculating option prices based on the **Black-Scholes-Merton** (BSM) model using **VBA**(Visual Basic for Applications).
 - Development of **option portfolio models** for evaluation of various **option-trading strategies**.
 - Received a very good review and was offered a full time position after graduation.
- Multi Commodity Exchange of India, Kolkata** May to June,2009
 - Studied the impact of economic releases on global markets and currency derivatives. Data was gathered using the **Bloomberg Terminal**.
 - Gained experience in **technical analysis (candle-stick charts)** by its application on historical data of commodity prices.
- Suraj Stock Broking Services Pvt Ltd, Kolkata** May to June,2008
 - Study of **arbitrage opportunities** in Indian markets (primarily National Stock Exchange of India).
 - Execution of **profitable trade** according to the strategy developed.

POSITIONS OF RESPONSIBILITY

- Coordinator , The Hope Foundation for Chetla Lockgate area** 2009-2010
 - Survey on Family Planning was conducted and counseling was arranged for the families in the area.
 - Drives to emphasize the need for and benefits of formal education were conducted.
 - Ensured smooth conduction of coaching centre to provide support for main stream formal education for the children in the area.
- Vice President, Interact Club of Lakshmipat Singhanian Academy** 2003-2004

EXTRA-CURRICULAR ACTIVITIES

- Member of the English Technology Dramatics Society (ETDS).
- Represented IIT in Carpediem '08 (Cultural fest of IIM Calcutta)for a Dramatics competition and won silver.
- Represented IIT in Spring Fest, Asia's largest social-cultural festival and won gold in the Street play competition.
- Part of Inter-hall Table Tennis, Football and Athletics team.
- Represented School at state level in Table Tennis.
- Invest regularly in National Stock Exchange.**

