Training Notification Form, IIT Delhi

Company Overview

Name: Millennium Consulting (india) Private Limited

Website: www.mlp.com

Company Type: Other (Hedge Fund)

Description: Millennium Management is a global investment management firm founded in 1989 that manages more than $57 billion in assets as of February 1, 2023. Millennium has more than 4,000 employees with offices in the United States, Europe and Asia. Over the last 30+ years, our mission has remained constant: to deliver the alternative
investment industry’s highest quality returns to our investors, and to maintain a commitment to our principles of integrity, discipline and excellence.

Project Details

Designation: Intern - Quant Developer

Type: Other (Hedge Fund)

Location: Bangalore, India

Project Details: The Technology division in our Bangalore office is seeking interns for Quant Team.
Developer roles:
 Fixed Income & Risk Technology – Builds and maintains technology for Fixed Income and
Commodities trading teams, and for the Risk Management team covering all trading teams,
asset classes, and products.
 Equities Technology -- Develops and supports the platform that enables our businesses to
electronically trade most asset classes globally and to manage risk and P&L. Our teams
support varies function such as Algorithmic Execution Services, Latency Critical Trading
Technology, PM Research Tools, Systematic Data Platform, Equity Volatility and
Convertibles Technology, Production Support and Systems Operations Engineering, Trade
Capture, and Risk Management.
Interns own and deliver a time-bound project with direct business and technology benefits—projects could include:
 Develop new features and enhancements to critical business applications using cuttingedge technologies
 Develop applications to analyze profitability and risks of trading strategies.
 Develop innovative research and trading tools for trading teams to explore new ideas.
 Develop research tools ranging from data acquisition/normalization libraries to backtesters
and portfolio optimizers.
 Build out our market leading electronic trading platform.
 Build out the Trade Messaging platform and associated data in AWS, to

 Build out the Trade Messaging platform and associated data in AWS, to increase data
mining capabilities.
 Create and modify technology workflows for trade processing and risk management.
Technical Qualifications
 Experience with object-oriented programming languages such as (C++, Java, Python,
JavaScript, C#, etc.)
 Understanding of Data Structures and Algorithms
 Unix/Linux command-line experience
Highly Valued
 Strong Linear Algebra, Modern Portfolio Theory knowledge, Convex Optimization
 Data Science/Analysis background; Proficient at working with large datasets
 Familiarity with quantitative finance concepts such as portfolio optimization, option pricing
 Experience working with AWS
 Broad understanding of equities, derivatives, futures, and FX
Preferred
 Proficiency in one or more scripting languages
 Experience researching, designing, developing and deploying factor models, alpha signals,
portfolio optimizers, pricers, or trading algorithms.
 Working towards graduate level training in a quantitative field (CFA, FRM and/or CQF is a
plus).
 Knowledge of Agile/Scrum methodologies
 Results-oriented, can deliver quality code quickly
 Highly analytical with good problem solving skills
Other Qualifications
 Engineering students entering their final year, pursuing a BA/BS/MS degree in Computer
Science, Statistics, Applied Math, Quantitative Finance, Financial Engineering or equivalent
 Excellent listening, and communication (both oral and written) skills
 Self-starter and critical thinker, takes ownership of own projects and makes improvement
suggestions for the entire infrastructure.
 Proactive, assertive and attentive to details.
 Can work independently and in a collaborative environment.
 Can handle several projects with different priorities at the same time in a fast-paced
environment.
 Excellent self-management and problem-solving skills. Quick learner

Stipend Details

Stipend:	400,000 INR Per Month
Accommodation:	No
Travel Expenses:	No
Perks / Bonus:	Housing/relocation: 50000 INR INR 3.5 Lacs + 50,000 relocation per month

Selection Process

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Resume Shortlist:	Yes
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Personal Interview:	Yes
No. of Offers:	3
Selection Process:	Minimum CGPA should be 7.5

Eligibility

Diversity Recruiting:	No
Eligible Years:	Graduating in 2025 (Pre-Final Year Students) - B.Tech / Dual / Master's
Eligible Departments:	B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Energy Engineering, B.Tech in Engineering Physics, B.Tech in Engineering and Computational Mechanics, B.Tech in Materials Engineering, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Textile Engineering, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing