

Training Notification Form, IIT Delhi

Company Overview

Name: AlphaGrep Securities

Website: <http://www.alpha-grep.com/index.html>

Company Type: Other (Quant Trading)

Description: AlphaGrep is a proprietary trading firm focused on algorithmic trading in asset classes across the globe. We have offices in Mumbai, Bangalore, London, Singapore and Hong Kong.

We are one of the largest firms by trading volume on Indian exchanges, and have significant market share on several large global exchanges as well. We use a disciplined and systematic quantitative approach to identify factors that consistently generate alpha. These factors are then coupled with our proprietary ultra low latency trading systems and robust risk management to develop trading strategies across asset classes (equities, commodities, currencies, fixed income) that trade on global exchanges.

We are a team of curious engineers, mathematicians, and statisticians who like to solve challenging problems. We have past experience in quantitative trading and low latency trading system development at global proprietary trading firms and investment banks.

Project Details

Designation: Software Development Intern

Type: Finance

Location: India, Singapore, London

Project Details: AlphaGrep is a quantitative trading and investment firm founded in 2010. We are one of the largest firms by trading volume on Indian exchanges and have significant market shares on several large global exchanges as well. We use a disciplined and systematic quantitative approach to identify factors that consistently generate alpha. These factors are then coupled with our proprietary ultra-low latency trading systems and robust risk management to develop trading strategies across asset classes (equities, commodities, currencies, fixed income) that trade on global exchanges.

RESPONSIBILITIES:

AlphaGrep Securities seeks a Software Development Intern who will be part of our Core Engineering group. This team designs in-house trading applications which are robust and extremely fast.

- Design, develop and test proprietary software. Examples include:
- Trading strategy simulation software optimized for distributed computation
- Large scale data acquisition, storage, accessibility, and visualization

- Real time trade management and risk analysis
- Identify innovative solutions to complex problems and advocate for their implementation to your team by communicating your ideas in a clear and concise manner
- Collaborate with other software developers, quantitative traders and researchers in cross-functional team environments

QUALIFICATIONS:

AlphaGrep encourages bachelor's, and master's students in computer science, mathematics and related fields to apply.

Additional requirements include:

- Excellent Software Development knowledge demonstrated through course work, research projects, or open source activities, preferably in C++
 - A strong understanding of in object-oriented design, data structures and algorithms
 - Brilliant problem-solving abilities
 - Exposure to network programming (TCP/IP), multi-threaded applications, computational intelligence and real-time programming
 - A passion for new technologies and ideas
 - The ability to manage multiple tasks in a fast-paced environment
 - Strong communication skills
 - A working knowledge of Linux/Unix
- Financial experience is not required but interest in financial markets is a plus.

Stipend Details

Stipend:	750,000 INR Per Month
Accommodation:	Yes
Travel Expenses:	Yes
Perks / Bonus:	<p>India: Total : 750000 per month Gross Stipend: 4,50,000 per month Onward and Return flight tickets Accommodation for complete internship duration</p> <p>Singapore: Gross Stipend: SGD 10000 per month Return airfare and Visa assistance for Singapore Accommodation upto 2 weeks</p> <p>London: Gross Stipend: GBP 7000 per month Return airfare and Visa assistance for London Accommodation upto 2 weeks</p>

Selection Process

Resume Shortlist:	Yes
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Written Test:	No
Online Test:	Yes
Group Discussion:	No
Personal Interview:	Yes
No. of Offers:	5

Eligibility

Diversity Recruiting:	No
Eligible Years:	Graduating in 2025 (Pre-Final Year Students) - B.Tech / Dual / Master's
Eligible Departments:	B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Mathematics & Computing, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing