About Organisation

Name of Company:	AlphaGrep Securities
Date of Establishment:	2010-08-09
Number of Employees:	250+
Social Media Page Link:	https://www.linkedin.com/company/alpha-grep/mycompany/
Website:	www.alpha-grep.com
Type of Organization:	Private
Nature of Business:	Finance & Consulting
Other nature(s) of business:	Other (High Frequency Trading)

Internship Profile

Job Title: Quantitative Researcher - Intern

Job Description:

AlphaGrep Securities seeks a Quantitative Researcher, who will be part of trading group which executes algorithmic strategies based on market behavior.

We cover the global markets by leveraging and integrating technology, risk management and quantitative research. Being a proprietary trading business, we trade our own accounts and have no investors, clients or customers.

 Designing, implementing, and deploying high-frequency trading algorithms
 Exploring trading ideas by analyzing market data and market microstructure for patterns
 Creating tools to analyze data for patterns
 Contributing to libraries of analytical computations to support market data analysis and trading
 Developing, augmenting, and calibrating exchange simulators

QUALIFICATIONS:

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

 Familiarity with machine learning (a plus)
 Experience with data analysis, market research and data modeling (a plus)
 Brilliant problem-solving abilities
 Software development experience as demonstrated through course work, research projects, or open source activities, preferably in C++, Python or R/Matlab

- ⬜ 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

Minimum No. of Hires:	2
Expected No. of Hires:	20
Location(s)/Place of Posting/Online:	London, UK
Skillset:	C++, Python
Minimum CGPA:	8.0
Students with backlog eligible:	No

Selection Process

Resume Shortlist:	Yes
Mode of Selection:	Virtual
Resume shortlisting before test?:	No
Test:	Yes
Mode of Test:	Online
Test duration (minutes):	120
Aptitude/Psycometric:	No
Technical:	Yes
Group Discussion:	No
Personal Interview:	No
Technical Round:	Yes
HR Round:	Yes
Medical Test:	No

Eligible Academic Programs

Diversity Recruiting:	No
Eligible Years:	Graduating in 2026 (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 Biochemical Engg & Biotechnology, 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

Stipend Details

Stipend (per month) (In GBP Per Month):	8,000 GBP Per Month
Accommodation:	Yes
Any other perks/ benefits/ components:	Total Internship CTC: GBP 30000 (INR 3200000) Generous Stipend: Earn GBP 8000 per month Exclusive Benefits: Round-trip flight tickets Hotel accommodation for the entire duration Social events on alternate weekends Visa Comprehensive Training and Mentoring Program Fully stocked pantry and breakfast in the office Career Growth: Potential full-time offers for top performers
Provision of PPO based on performance?	Yes
Tentative CTC for PPO select:	65,000 GBP Per Annum