Quantitative Researcher - Intern

Introduction:
As a FinTech company, Datago Technology Limited focuses mainly on providing Chinese text data analytics in finance. By leveraging big data and AI technologies to process large-scale text data from comprehensive sources like news, reports and social media, we provide quantitative and easy-to-use structured data analytics for the capital market in mainland China and Hong Kong. Our clients are widely spread across sectors like hedge funds, security brokers, investment bank, and research institutions around the world.

Responsibilities:
1. Conceptualize valuation strategies, develop and continuously improve upon mathematical models, and help translate algorithms into code;
2. Pre-process (validate, clean, normalize, reduce dimension) very large data sets for model estimation;
3. Back test and implement trading signals or risk alerts;
4. Use unconventional data sources to drive innovation.

Requirements:
1. Undergrad, MS, or PhD candidates in computer science, mathematics, statistics, physics, or other quantitative discipline;
2. Strong analytical and quantitative skills;
3. Demonstrated ability to conduct independent research utilizing large data sets;
4. Prior experience developing, researching, or implementing quantitative models for equities, futures, and/or FX, either at a firm or independently;
5. Programming in any of the following: C++, Java, C#, MATLAB, R, Python;
6. Detail-oriented;
7. Willing to take ownership of his/her work, working both independently and within a small team;
8. Good command of both spoken and written English and Chinese (Cantonese & Mandarin).

Location of work:
Hong Kong Science Park

Interested parties please send your detailed resume to hr@datago.com.hk