

## **AHL Trading Platform Developer (Contract)**

Man is a leading alternative investment management business with a diverse offering in hedge funds and long only products across equity, credit, managed futures, convertibles, emerging markets, global macro and multi-manager solutions. At 30 September 2014, Man managed \$72.3 billion.

The original business was founded in 1783. Today, Man is listed on the London Stock Exchange and is a member of the FTSE 250 Index with a market capitalisation of around £2.0 billion. Man also supports many awards, charities and initiatives around the world, including sponsoring the Man Booker literary prizes.

Further information can be found at [www.man.com](http://www.man.com).

### **Overview**

After enjoying an exceptional year in 2014, AHL plans to make a significant investment in further enhancing its trading technology platform in 2015. To assist in the various projects which will form part of this program, we're looking to hire a number of exceptionally able contract staff to work with our existing technology teams.

The scope of planned projects is broad and includes the upgrade of all software to run on new hardware/OS, the complete re-build of a number of legacy systems and UI's, and a significant rework of data acquisition and retrieval systems and our "black box" trading infrastructure. Overall this represents an outstanding opportunity to join one of the most prestigious technology teams in systematic trading.

### **Requirements**

#### **Technology and Business Skills**

##### **Essential**

- Exceptional technology skills; recognised by your peers as an expert in your domain
- A proponent of strong collaborative software engineering techniques and methods: agile development, continuous integration, code review or pairing, unit testing, refactoring and related approaches
- Expert in one or more programming languages, preferably Python, Java and C/C++
- Proficient on Linux platforms with knowledge of various scripting languages
- Strong knowledge of one or more relevant database technologies e.g. Oracle, MongoDB
- Proficient with a range of open source frameworks and development tools e.g. NumPy/SciPy/Pandas, Pyramid, AngularJS, Esper, Maven
- Familiarity with a variety of programming styles (e.g. OO, functional) and in-depth knowledge of design patterns.

### **Advantageous**

- An excellent understanding of financial markets and instruments
- Experience of front office software development e.g. in a hedge fund or investment bank
- Experience of distributed, concurrent processing server-side development and event driven, asynchronous architectures with messaging/market data processing
- Experience of web based development and visualisation technology for portraying large and complex data sets and relationships
- An advanced level of relevant mathematical knowledge e.g. statistics, time-series analysis, asset pricing theory, optimisation algorithms.

### **Personal Attributes**

- Strong academic record and a degree with high mathematical and computing content e.g. Computer Science, Mathematics, Engineering or Physics from a leading university
- Craftsman-like approach to building software; takes pride in engineering excellence and instils these values in others
- Demonstrable passion for technology e.g. personal projects, open-source involvement
- Intellectually robust with a keenly analytic approach to problem solving
- Self-organised with the ability to effectively manage time across multiple projects and with competing business demands and priorities
- Focused on delivering value to the business with relentless efforts to improve process
- Strong interpersonal skills; able to establish and maintain a close working relationship with quantitative researchers, traders and senior business people alike
- Confident communicator; able to argue a point concisely and deal positively with conflicting views.