MAVENALPHA

Client Briefing – *Confidential

**** Only to be shared with vetted perspective candidates.***

Client

PDT PARTNERS

Client Website

www.pdtpartners.com

Internal commentary on client

PDT Partners (PDT stands for "Process Driven Trading") - was founded by Peter Muller in 1993 as a proprietary quantitative trading group within Morgan Stanley. The team has been one of the most successful quantitative trading teams. Historically, the team generated returns averaging around 20 per cent over the last decade for Morgan Stanley.

After the crisis and due to the new regulatory framework, the team was spun off to become its own independent investment manager in 2013. The firm is now known as PDT Partners and in actuality no different to its former self. The only difference is that it is now independent and no longer part of Morgan Stanley for regulatory reasons. Morgan Stanley, through one of its investment vehicles, remains a significant investor in the firm.

The focus of the group has always been the same. They conduct rigorous scientific research to unveil inefficiencies in liquid assets across the global financial markets. Subsequently, the team develops and deploys quantitative model driven strategies to trade those inefficiencies across those liquid instruments globally. The core of their success has been based on their ability and talent to conduct rigorous research. They are also recognized as one of the most innovative creators of state-of-the-art technology for quantitative trading, amongst the best in risk management (very often not lost money when competitors have) and extremely optimal trade execution platform.

The business is lead by Peter Muller who is widely recognized as one of the earlier pioneers in this space. In addition to him, there are 11 equity partners and around 90+ quantitative trading professionals (researchers, programmers and technologists).

Open Positions

Various, including (but not limited to):

- **C++ or Java Software Engineer (without domain specific experience), New York**
  Compensation range: dependent on skill set / experience, but most likely between $150K - $300K

- **C++ or Java Software Engineer (with domain specific experience), Automated Trading, New York**
  Compensation range: dependent on skill set / experience, but most likely between $200K - $400K

- **Quantitative Researcher (without domain specific experience), Big Data, New York**
  Compensation range: dependent on skill set / experience, but most likely between $200K - $400K

- **Quantitative Researcher, (with domain specific experience), Alpha Generation, New York**
  Compensation range: dependent on skill set / experience, but most likely between $250K - $1MM

Continued *Overleaf*

Skills / Experience required

~ ***Software Engineers*** at PDT Partners are considered to be amongst the most creative and productive in this industry. They work closely with researchers and offer the technology half needed to bring a strategy to trade and profitability. Exceptional software engineers with or without industry specific experience are welcome. They must demonstrate many of the following: at least a bachelor's degree in computer science; strong numerical programming skills; experience developing high-performance, multi-threaded applications using several programming languages including Java OR C++; and a background or interest in building large-scale, real-time, and distributed applications is desired.

~ ***Quantitative Researchers*** are focused on the research and deployment of new and innovative trading algorithms and models. The firm welcomes researchers with or without domain specific experience who have an outstanding academic and professional background. Typically, researchers at the firm offer many of the following: a quantitative PhD from a leading University; deep industry experience (any industry) in researching & analyzing massive data sets; and, offer a research specialism in one or more of these areas (artificial intelligence, machine learning, statistics, econometrics, signal processing).