



Job Description – Data Intern

Aspex Management is a Hong Kong based alternative investment management firm founded in early 2018 by Hermes Li, previously the Head of Asia Equities at one of the largest alternative asset managers globally. The firm currently manages over US\$7bn of assets and has more than 35 employees across the investment, business, data, and engineering teams.

Aspex invests in Asian and Asian-driven businesses using a fundamental, research intensive approach across multiple sectors and geographies. Data is central to the firm's effectiveness across the investment and business functions. The firm is currently inviting applications for an internship in this team, and is open to both term time applications, as well as summer internship applications. The minimum internship period should be 8-10 weeks, and priority will be given to candidates who are able to continue the internship for a longer period (on either a part-time or full-time basis). The position will be based on-site at the firm's office in Central.

Responsibilities

- Work with large-scale datasets, including cleansing and sorting of data, as well as building a computational model
- Aggregate information across multiple data sources, conduct preliminary data analysis to identify trends, patterns, and insights
- Use data conclusions to explain or project fundamental changes in a sector or company operations
- Support work on automatic data updates via email or other visualization tools

Qualifications and Experience

- Students currently pursuing an undergraduate or higher degree in a quantitative subject, eg. mathematics, engineering, finance, and similar fields
- Strong working knowledge of Python and Excel. Knowledge of SQL or statistical analysis tools would be an advantage
- Any experience in raw data processing e.g. data collection, data quality checking, and/or data analytics e.g. predictive modelling, would be an advantage
- Strong academic background
- Fluency in both English and Mandarin

Qualities we look for

- Strong analytical skills with a good business sense
- Proactive and self-motivated with an ability to work independently
- Results driven, with attention to detail and ability to learn quickly
- Team player with a strong work ethic and a high level of maturity and integrity
- Desire to work in a fast-paced environment and culture

Interested parties should send their CV and transcripts, specifying in the subject title "Data intern application + *university name*" to: sarah@aspexmanagement.com and samuel@aspexmanagement.com. Shortlisted candidates will be invited to complete interviews and technical competency assessments.



Job Description – Software Engineering Intern

Aspex Management is a Hong Kong based alternative investment management firm founded in early 2018 by Hermes Li, previously the Head of Asia Equities at one of the largest alternative asset managers globally. The firm currently manages over US\$7bn of assets and has more than 35 employees across the investment, business, data, and engineering teams.

Aspex invests in Asian and Asian-driven businesses using a fundamental, research intensive approach across multiple sectors and geographies. Software engineering is central to the firm's effectiveness across the investment and business functions. The firm is currently inviting applications for a summer internship in the engineering team, working directly with the firm's Director of Engineering. He/she will work on-site at the firm's office in Central, for approximately 10 to 12 weeks (depending on the candidate's availability). The successful candidate will be keen to contribute and enjoy working in a fast-paced setting.

Responsibilities

- Design and build data mining and web scraping programs, and also generate business and investment analytics using modern data visualization & BI tools
- Develop, optimize, and extend cloud platform for large-scale distributed data ingestion and processing of quantitative risk models and market/trading data
- Automate big data pipelines, ETL, and AI/ML workflows across multiple datasets
- Author high quality technical documentation for Generative AI, Cloud, and SaaS tools

Qualifications and Experience

- Students currently pursuing an undergraduate degree in Computer Science, Engineering, Data Science, Information Systems, or related disciplines
- Strong proficiency in Python, SQL, Java, Scala, and Spark
- Familiarity with modern Cloud and Data Lake/Warehouse technologies such as AWS, Azure, GCP, Snowflake, or Databricks would be an advantage
- Experience with prompting or deploying Generative AI or LLM (large language models) such as ChatGPT, Copilot, Gemini, or Llama-2 would be an advantage
- Strong academic background
- Working level fluency in English; Mandarin would be a plus

Qualities we look for

- Proactive and self-motivated with an ability to work independently
- Results driven, with attention to detail
- Team player with a strong work ethic and a high level of maturity and integrity
- Desire to work in a fast-paced environment and culture

Interested parties should send their CV and transcripts, specifying in the subject title "Software Engineering intern application + *university name*" to: sarah@aspexmanagement.com and jonathan@aspexmanagement.com. Shortlisted candidates will be invited to complete interviews and technical competency assessments.



Job Description –Financing, Treasury and Operations Intern

Aspex Management is a Hong Kong based alternative investment management firm founded in early 2018 by Hermes Li, previously the Head of Asia Equities at one of the largest alternative asset managers globally. The firm currently manages over US\$7bn of assets and has more than 35 employees across the investment, business, data, and engineering teams.

Aspex invests in Asian and Asian-driven businesses using a fundamental, research intensive approach across multiple sectors and geographies. The Financing, Treasury and Operations team is central to the firm's ability to operate with optimum efficiency. The firm is currently inviting applications for an internship in this team, and is open to both term time applications, as well as summer internship applications. The focus of this internship will be to provide support on automation projects and as such, specific technical skills will be required. The minimum internship period should be 8 - 10 weeks, and priority will be given to candidates who may be able to continue the internship for a longer period on a full-time or near full-time basis. The position will be based on-site at the firm's office in Central.

Responsibilities

- Develop/improve tools used to identify opportunities to enhance portfolio financing revenue
- Replicate and model a variety of risk measurement methodologies for risk exposure monitoring
- Streamline data aggregation, updates and analysis processes across multiple data sources and systems
- Maintain database and scheduled jobs infrastructure

Qualifications and Experience

- Students currently pursuing an undergraduate or masters degree in Computer Science, Engineering, Information Systems, Finance, or related disciplines
- Strong working knowledge of Python and Excel is a 'must have'. Knowledge of SQL or VBA would be an advantage
- Experience with AWS or Linux would be an advantage
- Any prior experience with trading or market data would be an advantage
- Strong academic background with excellent grades
- Fluency in English; Cantonese would be a plus

Qualities we look for

- Proactive and self-motivated with an ability to work independently
- Results driven, with attention to detail and ability to learn quickly
- Team player with a strong work ethic and a high level of maturity and integrity
- Desire to work in a fast-paced environment and culture

Interested parties should send their CV and transcripts, specifying in the subject title "Financing, Treasury and Operations intern application + *university name*" to:

sarah@aspexmanagement.com and dennis@aspexmanagement.com. Shortlisted candidates will be invited to complete interviews and technical competency assessments.