



Host Employer:	InProved Pte Ltd
Internship Position:	Options Coordinator
Industry	Banking/ Finance/ Insurance
Department:	Management
Duration:	Between early May to end Aug (minimum 10 weeks internship)
Internship Location:	Singapore
Job Code:	A182
Company Website:	https://inproved.com

InProved.com is a leading bullion platform, empowering users to diversify their wealth into gold and silver securely stored in Singapore.

Job Summary

We are seeking a detail-oriented Options Coordinator to collaborate with our IT team in building the foundational systems to extract and analyze option greeks for gold and silver. This role is integral to our goal of developing a proprietary quantitative algorithm for InProved's gold and silver options trading operations.

Related Disciplines

FS, AMA, COMP

Key Duties and Responsibilities

1. Data Extraction & Analysis
 - Work with the IT team to design and implement systems for extracting real-time and historical data related to gold and silver options.
 - Focus on obtaining accurate and actionable values for option greeks such as delta, gamma, theta, vega, and rho.
2. Systems Development
 - Collaborate on building IT infrastructure to process and store extracted options data efficiently.
 - Identify and recommend tools, APIs, and platforms suitable for gold and silver options analytics.
3. Quantitative Analysis Support
 - Assist in defining parameters and data structures needed for developing a quantitative algorithm for options trading.
 - Provide insights into market trends and volatility as they relate to options.
4. Cross-Team Collaboration
 - Work closely with quantitative analysts, traders, and IT developers to align data extraction efforts with broader trading goals.
 - Ensure seamless integration of data pipelines with trading platforms.
5. Documentation & Reporting
 - Maintain detailed documentation of processes, tools, and system architecture.
 - Prepare reports summarizing key findings and system progress for management.

Job Requirements***Essential Attributes:***

Experience in derivatives trading, options analysis, or financial technology.

Familiarity with gold and silver markets or commodities trading is highly desirable.

Technical Skills:

- Strong understanding of option greeks and their application in trading strategies.
- Proficiency in data analysis tools (e.g., Python, R, SQL).
- Experience working with financial APIs (e.g., Bloomberg, Quandl, or similar).
- Knowledge of IT systems architecture and data pipeline development.

Soft Skills:

- Strong problem-solving and analytical thinking.
- Excellent communication skills for coordinating with technical and non-technical teams.
- Self-motivated with a keen eye for detail.

Desirable Attributes:

- Majoring in Finance, Mathematics, Computer Science, or related fields.
- Advanced degrees are a plus.

Language Requirements

English (Spoken), English (Written), Mandarin (Written), Mandarin (Spoken)

Working Days and Working Hours

Monday to Friday 10:00 am to 07:00 pm, with 1 hour lunch break