

Dynamic Technology Lab Recruitment

Company Description

Dynamic Technology Lab Pte Ltd (“DTL”) is a quantitative hedge fund established in Singapore and engages in global securities trading with multiple asset classes. As a tech-focused Licensed Fund Management Company under the Monetary Authority of Singapore, DTL is dedicated to producing strong consistent returns for its investors by relying on mathematical and statistical models to drive its investment process.

I. Job Opening

C++ Developer

The C++ developers maintain our trading/research capabilities in global markets and innovate how we do them.

Responsibilities

- Optimizing the performance of various components of the trading system
- Maintaining and enhancing backtest simulator
- Exploring big-data infrastructure for research
- Exploring execution algorithm research

Qualifications

- Familiar with modern C++ (11, 14, 17 or 20)
- Strong background in algorithm, data structures and/or operating systems-related topics (memory management, scheduler, I/O etc.)
- Ability to quickly learn new concepts or technologies
- Ability to write sizable applications and manage complexity
- Linux experience
- Effective communicator and decision maker

The following are bonuses

- Knowledge of automated trading system
- Basic knowledge in operating system concepts: threads, processes, context switch, virtual memory etc.
- Basic knowledge in applied computer architecture concepts: SIMD, superscalar execution, memory/instruction latency vs bandwidth
- GPU programming experience (NVIDIA CUDA framework: basic understanding of blocks/threads launch config, shared memory, latency hiding etc.)

II. Work Location

Singapore, Hanoi, Shanghai, Beijing, Remote

III. How to apply

Please submit your application at www.dytechlab.com/careers/apply and choose the relevant opening