

FPGA Engineer

Saccade Capital is a proprietary trading firm with head-quarters in Hong Kong, offices in Singapore and Korea and business interests in multiple locations across the globe. We are electronic Market Makers and Liquidity Providers in various asset classes. What defines Saccade is being a *Machine Lead* company where humans are not at the helm of Saccade's trading decisions.

The role has an extensive reach and demands for a self-motivated individual with excellent critical thinking and risk based approach over technology, operations and market risk. The role enjoys a great level of intellectual freedom however always accountable for the task at hand, aiming to reach the Company's wide objectives. There is a great opportunity to apply various different disciplines as you will work closely with experienced Quants and Software Engineers.

Role attributes:

- Develop, test and deploy fast, robust and reliable Exchange connectivity systems for new strategies;
- Review and upgrade existing connectivity solutions for established strategies;
- Work closely with Software Devs and Quants on Verilog/VHDL coding and *Fast Path* solutions;
- Work closely with the Infrastructure team to obtain the most efficient network design;
- Design hybrid systems (Software CPU based connectivity);

Requirements:

- A degree in a top university in a technical discipline. Bachelor's, Master's or PhD in Electrical Engineering, Computer Science or related subject (physics, statistics, engineering, mathematics);
- Min 5 years of FPGA successful development experience for financial markets – financial protocol (experience in testing, trouble shooting, monitoring, etc.);
- Experience in VHDL, Verilog;
- Experience with software development (Python/C++ and experience in Linux environment are pluses);
- Experience with Networking (Ethernet, Multicast/UDP, TCP/IP) is a plus;
- Strong problem-solving and analytical skills;
- Capable of working with in large and small teams, very good communication skills and ability to debate own ideas and peers' ideas in a productive/healthy way.

Apply at careers@saccadecapital.com