



## **C++ Trading Systems Developer/Strategist**

Our automated options market making team is looking for a world-class C++ developer and/or quantitative trader/strategist.

### **What we do:**

We are building a real-time, distributed, large-scale, mission critical options market-making system. We are trading hundreds of options classes on multiple exchanges & already generating profits, but this is still a very young initiative.

### **Who we are looking for:**

- C++/Linux trading systems developer
- C++/Linux trading systems developer and options strategist

### **Required:**

- Very strong development & design skills in a C++/Linux environment
- (strategist position) Business knowledge of cash equity and/or options markets. You should be familiar with at least some of the following: size vs time priority markets, adverse selection, beta, market impact, ADV, implied correlation, Black-Scholes & Greeks, early exercise, vol surface, etc.
- Degree in Computer Science or related field

### **Desired:**

- Multithreaded/distributed programming
- Interest & understanding of financial markets
- AI, statistical learning (strategist position)
- Versatility (i.e. you are willing to work on different things, not just the strategies)
- Being proactive & showing initiative

### **How we are different:**

- There are no separate “business people”. The team is co-headed by 2 veterans of strategy desks at Goldman Sachs and UBS. They have combined experience in most liquid asset classes, and have previously worked on some of the largest-scale trading systems in the world. They spend most of their time coding, and everybody in the team is highly technical.

- This is a small elite team, so there is no separate team for QA/deployment/support etc. All members handle all phases of the development process, from making sure the system runs smoothly to high-level strategy development and backtesting.
- Our work hours start at ~6:15 AM, as US markets are open 6:30 AM – 1 PM PST. However, we work a reasonable ~9 hours/day with no work on weekends. It does take some getting used to, but people who love outdoor activities and/or have children love these hours.

Please send your resume and cover letter to careers-strategist or careers-technology (at sign) cutlergrouplp.com. Due to the volume of responses, we can only respond to candidates selected for further interviews.

We will only consider submissions that include the following information:

- Are you legally allowed to work in the United States?
- Explanation of any gaps in resume longer than 1 month
- If your average job tenure is less than 2 years, an explanation of why you left your last 3 jobs
- An ordered preference (as opposed to “I’m OK with all 3”) for New York, San Francisco, or Chicago.

PLEASE READ THIS: No consultants, internship candidates, candidates not currently in US, candidates who don’t know C++, or recruiters. Thank you.

## FAQ

**Q:** I have a CS degree from Stanford; why should I join the financial industry instead of accepting that pets.com offer?

**A:**

- In 3-5 years, a good developer can reasonably make >2x his total compensation.
- While we have no ping-pong tables and masseuses, this is not a high-stress environment, contrary to stereotypes.
- The work is actually quite interesting; most industries care either about throughput or latency, but not both. Most software nowadays is stitching together existing stuff. Here, we work from `main(argc, argv)`.
- There are no release schedules, no irate customers who need a bugfix that you must work on over the weekend, etc.

**Q:** I was a (strategist / quantitative trader / quantitative developer) in the (strategy / trading) desk at (Goldman Sachs, Morgan Stanley, JP Morgan, hedge fund XYZ) and I was (building/backtesting/researching) trading strategies for (options, equities, index arb, fixed income, porkbelly futures). I was writing C++ code 2 jobs ago. Is writing C++ code beneath me by now?

**A:** Most of the existing team members are from a similar background. We strongly believe our business will benefit from this structure vs. having a separate team of pure developers who

work off of specifications. Also, keep in mind that the more the business matures, the more the focus will be shifting towards strategy (it already is).

**Q:** I do most of my backtesting in MATLAB but I'm not a C++; are you interested in me?

**A:** We'll never pass up a resume that is absolutely stellar (e.g. top investment bank/hedge fund, top undergrad school, top PhD school, etc.). Just keep in mind that it is not our primary focus right now.

**Q:** Should I bother writing a cover letter?

**A:** Cover letters help us separate automated and/or mass resume submissions from those of people who are genuinely interested in us. We don't need anything formal; just tell us why you want to come work at our firm.