Jane Street is a proprietary trading firm that operates around the clock and around the globe. We bring a deep understanding of markets, a scientific approach, and innovative technology to bear on the problem of trading profitably in the world’s highly competitive financial markets. Founded in 2000, Jane Street employs over 400 people in offices in New York, London and Hong Kong. We are always recruiting top students and invite you to learn more about a career at Jane Street. The environment at Jane Street is open, informal, intellectual and fun. You can wear a t-shirt and jeans to the office every day, the kitchen is stocked, and discussions are always lively. Teaching and learning are central activities through classes, mentoring and discussion. Salaries are competitive and advancement is rapid for those who excel.

For more information about Jane Street, please visit our website at http://www.janestreet.com

Quantitative Trading

Every day, we come to work with new problems to solve, new systems to build and new theories to test. We’re always looking for people to join us and help come up with that next great idea. Our trading is based on our own proprietary models and on busy days we engage in over a million trades. Technology is at the core of how we approach trading, and we consider ourselves as much a technology company as a trading firm. We use OCaml, a statically-typed functional programming language, as our primary development language, and have the largest team of OCaml developers in any industrial setting. Traders work in teams to seek out and trade on pricing inefficiencies, develop models, manage risk, investigate new products, and push into new business areas. Experienced traders teach and oversee the less-experienced. New traders serve as assistants while they learn the ropes, getting increasing responsibility as they demonstrate their ability to handle it.

These jobs are highly quantitative and technology driven. Trading candidates should be excellent quantitatively, with a strong understanding of probability and statistics. Candidates should be effective communicators in a close knit team setting, motivated, competitive and eager to learn. Previous experience or course work in finance, business, or economics is not required. We are interested in hiring responsible, motivated, adaptive, and logical thinkers with strong quantitative skills.

Software Development

OCaml, a statically typed functional programming with similarities to Haskell, Scheme, Erlang, F# and SML, is our language of choice. We have the largest team of OCaml developers in any industrial setting, and probably the world's largest OCaml codebase. We use OCaml for running our entire business, supporting everything from research to systems administration to trading systems. If you are interested in seeing how functional programming plays out in the real world, there is no better place.
Software developers work closely with the rest of the firm, building tools, exploring trading ideas, and designing and maintaining the firm’s software systems.

Candidates for the developer role should have:

- Top-notch programming skills, with an interest in (but not necessarily experience with) functional programming languages.
- Deep experience with—and love for—technology. There’s no specific checklist; we use software to approach a variety of problems, so we’re interested in everything from machine learning to systems administration to programming language design.
- Strong interpersonal skills. Software development at Jane Street is highly collaborative, and we are looking for people who can work effectively in small, close-knit teams.
- A commitment to the practical. We produce production software on a continuous basis, affecting day-to-day operations in every area of the firm.

You can learn more about our technology here:
http://janestreet.com/technology/

Watch our talk given at CMU about why Jane Street uses functional programming:
http://ocaml.janestreet.com/?q=node/61

Our programming blog:
http://ocaml.janestreet.com

To apply, please visit our website http://janestreet.com/apply and submit your application online!