

2015 Summer Analyst & Summer Associate Opportunities

APPLICATION PROCESS (BOTH STEPS ARE REQUIRED):

1. Register with your School Career Center in order to drop your resume
2. Complete the Goldman Sachs Apply On-Line application [including GPA] at www.goldmansachs.com/careers. You may express interest in up to three different location and division combinations through this application. The division selections are determined by the location you select. If you do not see the divisions that are of interest to you, please consider choosing an alternate location.

GOLDMAN SACHS FIRM OVERVIEW

The Goldman Sachs Group, Inc. is a leading global investment banking, securities and investment management firm that provides a wide range of financial services to a substantial and diversified client base that includes corporations, financial institutions, governments and high-net-worth individuals. Founded in 1869, the firm is headquartered in New York and maintains offices in London, Frankfurt, Tokyo, Hong Kong and other major financial centers around the world.

LOCATION

New York

DIVISIONAL OVERVIEW

Goldman Sachs' Strats business unit is a world leader in developing quantitative and technological techniques to solve complex business problems. Working within the firm's trading, sales, banking and investment management divisions, strats use their mathematical and scientific training to create financial products, advise clients on transactions, measure risk, and identify market opportunities.

ROLES WITHIN FIRMWIDE STRATS:

Securities Strats: Securities Strats play important roles in several areas. Some Strats sit on trading desks, creating cutting-edge derivative pricing models and developing empirical models to provide insight into market behavior. Others develop automated trading algorithms for the firm and its clients, taking an active part in the increasing shift from voice to electronic trading. A third group works directly with the firm's sales force and clients, analyzing exposures, structuring transactions, and applying quantitative concepts to meet client needs. Between these teams, Core Strats design and develop complex parallel computing architectures, electronic trading tools, and advanced algorithms.

Investment Banking Strats: Investment Banking Strats collaborate with marketers and bankers in Investment Banking and the Financing Group to create quantitative strategies and analyses that lead to value-added transactions with clients. In the course of business, Investment Banking Strats use models to simulate and evaluate financial statements funding, structuring and hedging strategies and risk management alternatives. Investment Banking Strats possess both general and specialized skill sets, developing expertise across products, markets, industries and strategic transactions.

Investment Management Strats: Investment Management Strats work in Asset Management and Wealth Management. Investment Management Strats collaborate with Portfolio Managers and Traders to analyze portfolios, create investment algorithms, and build pricing models and risk management tools for derivatives and complex cash securities traded across the firm. They may also work with clients – both private and institutional – to understand and analyze client investment needs, portfolios (including those employing external managers) and investment strategies. The work involves developing a thorough understanding of the full range of investment products and strategies offered by the firm, an ability to capture the characteristics of those investments in mathematical models and the creation of infrastructure to make those analyses reusable and scalable across our businesses.

Operations Strats: Operations Strats serve as internal technical and quantitative consultants to Operations, meeting high-impact business needs while working concurrently on multiple projects of limited duration. The aim is to help Operations improve profitability, reduce risk, and make more data-driven decisions. To that end, Operations Strats are data scientists who design mechanisms for large-scale data storage and retrieval, model risk, perform analytics, build targeted software, and enable prediction of outcomes and automation of decisions through machine learning. Operations Strats interact closely with Operations end users and senior management and gain broad exposure to the firm's business activities. Operations as a whole performs client due diligence, trade settlement, payments, collateral movements, margin calls, asset servicing, and many other critical processes across a wide variety of products, markets and business lines.

QUALIFICATIONS

Successful members of our team hold Bachelors, Masters and Doctoral degrees in Physics, Engineering, Mathematics, Computer Science and many other fields.

Although the work performed by Strats is financial in nature, applicants need not have specific financial knowledge or experience to apply. As a business unit, we are interested in bright individuals who have advanced mathematical and

Firmwide Strats

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computational backgrounds and a willingness to learn about finance.

We are interested in applicants who possess skills in several of the following areas:

- **Mathematics:** Understanding of partial differential equations, stochastic calculus, time series analysis, statistics and numerical techniques.
- **Technology:** Experience building large-scale distributed systems, implementing fundamental algorithms and working in different programming languages.
- **Finance:** Understanding of market dynamics and conventions, and of different products' behaviors and specifications.

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