

Make Things Possible



Engineering Summer Internship

ABOUT GOLDMAN SACHS

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 individuals. Founded in 1869, the firm is headquartered in New York and maintains offices in all major financial centers around the world.

ABOUT ENGINEERING

Our Engineers don't just make things – we make things possible. Change the world by connecting people and capital with ideas. Solve the most challenging and pressing engineering problems for our clients. Join our engineering teams that build massively scalable software and systems, architect low latency infrastructure solutions, proactively guard against cyber threats, and leverage machine learning alongside financial engineering to continuously turn data into action. Create new businesses, transform finance, and explore a world of opportunity at the speed of markets.

Want to push the limit of digital possibilities? Start here.

LOCATIONS

London, United Kingdom / Warsaw, Poland

ROLES

Software Engineering

Transform our business and work across all areas of the firm to design and implement high-quality, scalable and smart solutions. Leveraging both internal and open source services, we design and develop applications capable of building, maintaining, and processing large & complex data sets.

Ensuring we have the most up-to-date and actionable information, we constantly strive to boost performance and exceed industry standards in order to meet our clients' evolving needs. We look for ways to improve our operations and enhance our client offerings through internal and external platforms as we build and expand the capacity for data mining, anomaly detection, and business intelligence.

Financial Modelling

We look beyond the numbers and find the trends. As a member of our team, you will extract meaningful information to engineer advice and solutions that have real-world implications for our clients and the firm.

This level of expert analysis involves large, at times global, data sets – both structured and unstructured – to build predictive models that are relevant to specific business centers and account for market variables.

These quantitative techniques then inform effective and accurate cross-asset trade and portfolio ideas for our clients.

In collaboration with your team and others across the firm, you will build and enhance advanced quantitative and analytical methods, utilizing software to design risk modeling systems and develop machine learning algorithms.

Specifically, your role will focus on providing APIs to clients helping them generate alpha, risk calculations and business metrics. This valuable information will allow them to build and challenge risk models that identify and quantify market and liquidity risk and modeling vulnerabilities.

Infrastructure Engineering

Infrastructure Engineering is a multi-faceted role that allows you to explore data center design, networks, storage, cloud computing, big data, application messaging, databases, communications, market data and software languages.

goldmansachs.com/careers

Make Things Possible



Make things possible for our clients and the firm as you design and build our compute and data infrastructure. You will put your expertise to work in a variety of challenges, from identifying internal hardware needs, to implementing public and private cloud-based solutions to providing seamless, on-demand scaling of our applications.

We provide a robust testing platform that involves the best standards, solutions and tools to ensure uninterrupted operation of all of our lines of business. You will have the opportunity to use data mining techniques to identify and react to problems in the firm's infrastructure and platforms. A role on this team allows you to use your experience to help us transform the future at Goldman Sachs.

Cyber Security

Protect our clients and the integrity of our firm around the world in both an advisory and engineering capacity as you develop and propagate our security control strategy. Be on the front line of our operations every day, helping the firm to protect itself & its clients and manage risk. Information security is a top priority and in this role, you will focus on analysis, penetration testing, cryptography and authentication.

This defense involves performing security operations to detect, analyze and respond to threat intelligence and incidents – quickly. We do this by leveraging data mining and machine learning techniques to identify malicious activity and cyber risks.

Working as a part of a larger team, you will help developers create secure applications, and advise the firm's network and systems engineers as they build infrastructure. Together, we are helping to secure the future of the firm and our clients – every day.

BASIC QUALIFICATIONS

Goldman Sachs recruits students and graduates who have a record of outstanding achievement in academic and extracurricular activities. A background in finance is not necessary. What we do require are integrity, professional excellence and teamwork.

In addition, we look for people who:

- Display a passion for technology
- Have computer science, math, statistics, and/or engineering backgrounds
- Have strong analytical and organizational skills
- Display excellent interpersonal and communication skills
- Are highly motivated and adaptable
- Are accurate and detail-oriented
- Display creativity and entrepreneurial spirit

APPLICATION PROCESS

Visit www.goldmansachs.com/careers to complete the Goldman Sachs application. You may express interest in up to three locations and division combinations through this application. For this position, you would select Engineering.

All applications are reviewed on a rolling basis, and early applications are advised.