

Software Engineering

Positions available in all regions: Americas & EMEA

We build products and services to meet the needs of BlackRock and our clients. Our fintech culture and solutions help distinguish BlackRock as an industry leader in both asset management and innovative technologies. The team is made up of software engineers, data scientists, data engineers, quant developers, DevOps engineers, product managers, business analysts, UX engineers, UX designers and more, all working to drive innovation in the financial services industry.

Teams you may be considered for:

It is possible that you will be evaluated for opportunities with teams other than those listed below.

Aladdin Engineering

Aladdin Engineering builds and runs the Aladdin product and platform for BlackRock and its external clients. The platform unifies the investment management process to enable scale, provide insights and support true business transformation. Aladdin Engineering is made up of product engineering, design and Aladdin platform engineering teams that are responsible for building and running Aladdin. Analysts that join select teams will participate in four, 6-month assignments across a variety of technology streams during a two-year rotational program. This will provide a breadth of experiences across teams, technologies and businesses.

Global Investment Operations (GIO) Engineering

You will be developing exception-based, business-process-centric technology solutions that provide scale to operations teams globally. You will work closely with business users in Wilmington to develop service-orientated workflows across GIO's functional areas: Trading & Market Documentation, Transaction Management, Collateral Management, Payments, Corporate Actions, Cash & Asset Operations, and Securities Lending Operations.

Aladdin Product Management

Aladdin Product Management sets product vision as well as develops and executes strategies to achieve short- and long-term goals. The team builds product roadmaps to advance overall product strategy – informed by a deep understanding of the product capabilities, business benefits and client needs, as well as knowledge of the industry. Product managers work closely with Aladdin engineers and other stakeholders to innovate, conceptualize, design, pilot and deliver new capabilities to simplify our clients' business problems.

Data Operations Engineering

Data is at the heart of Aladdin, and increasingly, the ability to consume, store, analyze and gain insight from data has become a key component of our competitive advantage. The DOE team is responsible for the data ecosystem within BlackRock. Our goal is to build and maintain a leading-edge data platform that provides highly available, consistent data of the highest quality for all users of the platform, notably investors, operations teams and data scientists. We focus on evolving our platform to deliver exponential scale to the firm, powering the future growth of Aladdin.

Separately Managed Accounts (SMA) Solutions

The SMA Solutions Engineering team is multi-disciplined and includes software engineers, data experts, quality assurance professionals and an in-house Salesforce team. Automation across the ecosystem allows our client facing teams and portfolio managers to handle a large number of accounts with a high degree of personalization.

Software Engineering

This function is known for:

- Being passionate about technology and solving sophisticated problems
- Coming from diverse industries and academic backgrounds
- Using Gen AI at the core of all products to provide the best client experience
- Developing in Java, Python, No-Sql/SQL databases, Kubernetes, Kafka, Docker, Angular, React, a host of languages and open-source technologies
- Being comprised of technology leaders that unlock incremental innovation and drive fintech culture at BlackRock
- Constantly learning more about the firm's business, financial markets and products

What will you do as an Analyst?

- Take emotional ownership of projects and develop at scale in the enterprise environment used by thousands of users
- Work with senior engineers and have an immediate impact on the development of the Aladdin platform
- Collaborate with users and the product team to design and implement new features
- Use all that cool tech that you have heard about, like AzureML, Snowflake, Spark, Storm, Solr and more
- Gain a broad understanding of the investment process and the capabilities of Aladdin
- Express your resourcefulness by teaming up and joining firm-wide hackathons
- Bring your authentic self to work and find your community through volunteering, employee and professional networks, and everyday interactions

What capabilities are we looking for?

- Intermediate programming skills in an OO language, e.g., Java, Python or JavaScript
- Problem-solving skills
- Technical curiosity
- Interpersonal skills
- Critical thinking
- Adaptability
- Tenacity
- Teamwork
- Interest in Finance

Your learning & Development will include:

- During the Summer Internship Program, you will work within one technology stream while gaining wider exposure through networking, social events and project work.
- Learning and development for an Analyst can vary depending on the specific team. However, you can take advantage of a range of opportunities for Analysts to learn and grow, such as training programs, mentorship, and on-the-job learning.