QUANTITATIVE RESEARCHER - INTERNSHIP [2025 SUMMER]

New York, New York, United States
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Two Sigma is a financial sciences company, combining data analysis, invention, and rigorous inquiry to help solve the toughest challenges in investment management, insurance technology, securities, private equity, and venture capital.

Our team of scientists, technologists, and academics looks beyond the traditional to develop creative solutions to some of the world's most complex economic problems.

When you work with us, you tackle tough problems alongside other scientists and engineers. People who will challenge your ideas. Who you can really learn from, and collaborate with. And you'll be doing work that matters to a lot of people, too. Our investors include some of the world's largest retirement funds, research institutions, educational endowments, healthcare systems and foundations. We admire what they do, and we're proud to serve these organizations.

You will take on the following responsibilities:

- Use the scientific method to develop sophisticated investment models and shape our insights into how the markets will behave
- Apply quantitative techniques like machine learning to a vast array of datasets
- Create and test complex investment ideas and partner with our engineers to test your theories

All the while, you'll remain engaged in the academic community. As examples, you can:

- Join our reading circles to stay up to date on the latest research papers in your fields
- Attend academic seminars to learn from thought leaders from top universities
- The internship program lasts 10 weeks in the summer and takes place at our Soho-based, New York City office. You will partner with an assigned mentor and work on a single project during the course of your time here, which will culminate in a final presentation at the conclusion of the program.

You should possess the following qualifications:

- Are pursuing a degree in a technical or quantitative disciplines, like statistics, mathematics, physics, electrical engineering, or computer science with approximately one year remaining in your programs (all levels welcome, from bachelor's to doctorate)
- Demonstrate intermediate skills in at least one programming language (like C, C++, Java, or Python)
- Performed an in-depth research project, examining real-world data
- Are an independent thinker who can creatively approach data analysis and communicate complex ideas clearly
- You don't need a background in finance. It's nice to have, but more than half of Two Sigma's employees come from outside the finance industry. If you've got the quantitative skills, we can teach you the financial aspects of the job.

The weekly base pay for this role will be between $3,500/Week (Bachelors), $3,700/Week (Masters) and $4,200/Week (PhD) based on academic degree conferred. This role may also be eligible for other forms of compensation and benefits, such as a discretionary bonus, health, dental and other wellness plans and 401(k) contributions. Actual compensation for successful candidates will be carefully determined based on a number of factors, including their skills, qualifications and experience.

We are proud to be an equal opportunity workplace. We do not discriminate based upon race, religion, color, national origin, sex, sexual orientation, gender identity/expression, age, status as a protected veteran, status as an individual with a disability, or any other applicable legally protected characteristics.

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100 Avenue of the Americas

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