



Strategy and Transactions – Quantitative Finance & Economics – Intern

What if your career could have a lasting impact on you, and on the world?

Here at EY, you'll have the chance to build a truly exceptional experience. We'll empower you with the latest technology, surround you with high-performing teams, and provide the global scale and diverse and inclusive culture you need to discover your full potential. Through our coaching and training programs, you'll develop the skillsets you need to stay relevant today and in the future – all while building a network of colleagues, mentors, and leaders who will be on the journey with you at EY and beyond.

The exceptional EY experience. It's yours to build.

The opportunity: your next adventure awaits

Our Quantitative Finance & Economics team members are dedicated to applying sophisticated techniques from corporate and quantitative finance, financial engineering, financial modeling and data analytics to assist clients in designing, understanding and valuing complex financial securities. Using the same set of skills, the team also works on challenging problems helping clients better understand and manage risk more broadly in various areas such as credit portfolios and residual value of assets. If you're passionate about delivering the highest quality advice to clients, this rapidly growing team is perfect for you.

As a member of our team, you'll work on a broad variety of financial instruments, credit and economic problems. The analyses will be used for many purposes including assisting clients with corporate strategy, transaction support, and financial, regulatory and tax reporting. You'll be working in an intensive learning environment in which you'll become a key team member developing new products and models, performing research and analyses, raising issues and challenging assumptions. In return, we'll support you throughout your career and offer you an outstanding environment in which to develop and make an impact. You will have the opportunity to be part of a larger Strategy and Transactions team that creates and delivers broad, analytics-enabled solutions that align to our client's focus on corporate finance, strategy, buy and integrate or sell and separate decisions, and reshaping of results.

You will be seen as an expert in quantitative finance and in the analysis of complex financial instruments. As part of an innovative, cutting edge group that solves complex and challenging problems, you'll hone your communication skills by becoming accustomed to presenting our complex analyses to audiences with highly diverse technical backgrounds. By joining our team, you'll be part of a culture in which drive, enthusiasm, and the willingness to try new methods and approaches are the keys to success.

Your key responsibilities

- Advising clients on the valuation of complex financial instruments
- Conducting research of fixed income and equity market financial data as well as individual companies
- Developing valuation models, including binomial lattice and Monte Carlo simulation
- Using the proprietary valuation models for valuation of financial instruments, estimating market parameters and inputs for valuation models
- Analyzing financial instruments using data visualization tools, modern statistics, and machine learning techniques
- Performing transaction diligence on financial and credit related instruments
- Developing analysis to assist clients with understand certain economic markets; e.g. we perform economic analysis for various market pricing including electric and combustion engines using econometrics and artificial intelligence.
- Presenting your results and findings to the team and clients



What we look for

- ◆ You have an agile, growth-oriented mindset. What you know matters. But the right mindset is just as important in determining success. We're looking for people who are innovative, can work in an agile way and keep pace with a rapidly changing world.
- ◆ You are curious and purpose driven. We're looking for people who see opportunities instead of challenges, who ask better questions to seek better answers that build a better working world.
- ◆ You are inclusive. We're looking for people who seek out and embrace diverse perspectives, who value differences, and team inclusively to build safety and trust.
- ◆ Qualifications.
 - Have or be working towards a bachelor's or master's degree in a quantitative discipline, such as finance, mathematics, statistics, financial engineering, engineering or economics
 - Demonstrated aptitude for the quantitative and qualitative analysis of financial instruments, including options, warrants, fixed income securities and other derivatives
 - Proficiency in at least one of the following programming languages: Python, R, MATLAB or VBA
 - Knowledge of Bloomberg, Thomson Reuters, or Capital IQ is a plus
 - Experience in developing web-based applications and working with large datasets is a plus
 - Ability to work independently and as part of a team prioritizing multiple tasks, deadlines, and project stakeholders
 - The flexibility and willingness to travel occasionally

What's in it for you

- ◆ Accelerate your technical capabilities and transformative leadership skills with future-focused courses and development programs.
- ◆ Broaden your horizons by working on highly integrated teams across the globe and collaborate with people of diverse backgrounds – both professionally and culturally.
- ◆ Bring out the best in yourself with continuous investment in your personal well-being and career development.
- ◆ Develop your own personal purpose and help us create a positive ripple effect on our teams, our business, clients and society – building a better working world, together.

What you can expect

- ◆ Our approach to hiring utilizes several different formats throughout the course of the recruiting process.
- ◆ Interviews may be in the form of a live interview, either via video or in-person.

EY | Building a better working world

EY exists to build a better working world, helping to create long-term value for clients, people and society and build trust in the capital markets.

Enabled by data and technology, diverse EY teams in over 150 countries provide trust through assurance and help clients grow, transform and operate.

Working across assurance, consulting, law, strategy, tax and transactions, EY teams ask better questions to find new answers for the complex issues facing our world today.

EY is an equal opportunity, affirmative action employer providing equal employment opportunities to applicants and employees without regard to race, color, religion, age, sex, sexual orientation, gender identity/expression, national origin, protected veteran status, disability status, or any other legally protected basis, in accordance with applicable law.