

Internship Notification Form, IIT Delhi

About Organisation

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| Name of Company: | Optiver |
| Date of Establishment: | 1986-04-09 |
| Number of Employees: | ~1700 |
| Social Media Page Link: | https://sg.linkedin.com/company/optiver |
| Website: | https://optiver.com/ |
| Type of Organization: | MNC (Foreign Origin) |
| Location of Head office: | Amsterdam, The Netherlands |
| Nature of Business: | Other (it_software,finance_consulting) |
| Other nature(s) of business: | Other (Trading) |

Internship Profile

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| Job Title: | Quantitative Research Internship |
| Job Description: | <p>Quantitative Research Internship 2025 (Amsterdam)</p> <p>As Optiver's Quantitative Research Intern, you'll put your quantitative skills to the test by developing and improving our trading strategies. You'll not only deep-dive into the fundamentals of Optiver's complex trading systems but also see firsthand how this theory translates in practice on our dynamic trading floor. Over the course of eight weeks, you'll be tasked with exploring a real-world research problem that directly impacts how Optiver trades. With mentors from research and trading, you'll receive the guidance you need to make a meaningful contribution to our trading strategies.</p> <p>What you'll do</p> <p>Quantitative Researchers are responsible for the accuracy of our core pricing models and work closely with Traders to analyze and improve all facets of our trading strategies. During this internship, you will analyze and implement new algorithms to enhance our existing models. You'll be exposed to the statistical arbitrage strategies we develop, work with petabytes of low-latency, high-frequency market datasets, experience our high-powered, computing back-testing framework and much more.</p> <p>Optiver Researchers believe in academic discourse and therefore invite their teammates and Traders to challenge each hypothesis. Can it be mathematically improved? Does it pose potential risk? Does it exploit a market behavioural pattern? Can it sustain its output goals? Quantitative Researchers are encouraged to challenge the status quo and to think outside the box.</p> |

Constant testing, analysis, refinement and innovation ensure our quantitative models remain at the cutting edge of constantly evolving capital markets - and as our Quantitative Research Intern, you'll play a key role in keeping us there.

Who you are

- Penultimate year student with the ability to work full-time upon graduation in 2026
- Programming experience in any language C, C++, Python, Java, etc.), ideally with a preference towards Python
- Ability to apply basic concepts of probability, calculus and linear algebra
- Motivation to succeed and eagerness to constantly improve yourself
- Self-starting, 'can do' attitude
- Ability to learn quickly
- Fluent verbal and written English skills (Dutch is not required)

What you'll get

- An 8-week internship taking place May 12, 2025 – July 4, 2025
- Total Internship CTC: €70,000 EUR (₹63,23,170 INR) includes stipend, sign-on bonus, accommodation, travel, social events, and meals
- Competitive salary: €50,000 EUR (~₹4,519,000 INR) total compensation over the 8 weeks including a one time sign-on bonus of €10,000 EUR
 - o Stipend: €20,000 EUR per month
 - o Sign-On Bonus: €10,000 EUR (paid in the first month of employment)
- Travel to and from Amsterdam provided
- Fully furnished housing arrangement in the city centre of Amsterdam
- Mentoring and feedback from senior researchers
- Awesome social events and outings (boat tours through the canals of Amsterdam, BBQs, etc.)
- Free breakfast, lunch and dinner provided at Optiver, bi-weekly massages & a bicycle to explore Amsterdam
- Most importantly, the possibility to receive a full-time offer upon completion of the internship back in our Amsterdam or Mumbai office

Please make sure to apply using this link: <https://job-boards.greenhouse.io/india823/jobs/7525223002>

Please note: Applying on the IIT portal is not sufficient, you must apply using this link in order for your application to be processed.

Want to find out more?

Have a look at this video to get a glimpse of the Optiver internship experience, or read this blog post to hear from our former Quantitative Research intern.

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| Minimum No. of Hires: | 10 |
| Expected No. of Hires: | 10 |
| Location(s)/Place of Posting/Online: | Amsterdam, The Netherlands |
| Skillset: | Please check job description above. |

Minimum GPA: 2.5

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| Minimum CGPA: | 8 |
| Students with backlog eligible: | No |

Selection Process

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| Resume Shortlist: | No |
| Mode of Selection: | Virtual |
| Resume shortlisting before test?: | No |
| Test: | Yes |
| Mode of Test: | Online |
| Test duration (minutes): | 120 |
| Aptitude/Psycometric: | Yes |
| Technical: | Yes |
| Group Discussion: | Yes |
| Personal Interview: | No |
| Technical Round: | Yes |
| HR Round: | Yes |
| Medical Test: | No |

Eligible Academic Programs

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| Diversity Recruiting: | No |
| Eligible Years: | Graduating in 2026 (Pre-Final Year Students) - B.Tech / Dual / Master's |
| Eligible Departments: | B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Mathematics & Computing, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, M.Sc in Mathematics |

Stipend Details

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| Stipend (per month) (In EUR Per Month): | 25,000 EUR Per Month |
| Accommodation: | Travel to and from Amsterdam provided, Fully furnished housing arrangement in the city centre of Amsterdam |

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| Any other perks/ benefits/ components: | <ul style="list-style-type: none">• Awesome social events and outings (boat tours through the canals of Amsterdam, BBQs, etc.)• Free breakfast, lunch and dinner provided at Optiver, bi-weekly massages & a bicycle to explore Amsterdam• Most importantly, the possibility to receive a full-time offer upon completion of the internship back in our Amsterdam or Mumbai office |
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| Provision of PPO based on performance? | Yes |
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| Tentative CTC for PPO select: | TBD EUR Per Annum |
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