Internship Notification Form, IIT Delhi

About Organisation

Name of Company:	Barclays
Date of Establishment:	1990-12-31
Number of Employees:	23000
Social Media Page Link:	https://in.linkedin.com/showcase/barclaysinindia/
Website:	https://www.barclays.in/career-at-barclays/career-at-barclays-india/
Type of Organization:	MNC (Foreign Origin)
Location of Head office:	Noida
Nature of Business:	Finance & Consulting

Internship Profile

Job Title: BIIC Summer Intern (SM&D)

Job Description:
About Statistical Modelling and Development
The Statistical Modelling and Development team remit lies within the trading activities in the Markets division, in particular electronic trading activities. It is responsible for
• Algorithms and model based business logic used in electronic trading in Markets.
• Data Science applied to trading and sales activities
• Underlying technology used in electronic trading and Data Science

The primary purpose of electronic trading is to provide liquidity to clients on agency and principal basis, where either the connection to the client is electronic or provision of that liquidity requires electronic trading. This requires the analysis, research and development of proprietary algorithms and trading business logic using data mining and statistical techniques.

The business logic includes information extraction from market data, price formation, auto-hedging, algorithmic risk management, execution strategies and smart-order-routing.

The primary purpose of the Data Science work is to extract information from our trading and market data to feed into decision making and algorithm design.

The instruments that we currently cover include Equities, FX Spot, Government Bonds, Corporate Bonds, Rates Futures, Rates Swaps, NDFs and CDS indices.

Minimum No. of Hires: 1

Expected No. of Hires:	1
Location(s)/Place of Posting/Online:	Noida
IP & Copyright Norms:	as applicable per company policy
Skillset:	Person Specification Personal attributes essential to performing role including competencies, expertise, knowledge, and experience. Note: experience requirements must not be in the form of years (minimum or otherwise). Essential Skills: The role is ideally suited towards someone who has: ☐ Excellent Programming skills ☐ Excellent Data Analytics and problem solving skills ☐ Strong Mathematics and Statistics skills The candidate must have: o Strong Object Oriented Programming skills in Java or C++ or Python o Familiarity with UNIX/LINUX environment o Strong analytical skills o Eye for details o Excellent communication skills o Flexible to work long hours when required Preferred candidate: o Computer Science background o Having good understanding of Stocks and Trading o Exposure to Data Science and Machine Learning
Minimum CGPA:	7
Project Details:	as per company policy, Barclays reserves all rights to change details
Students with backlog eligible:	No

Selection Process

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

Eligible Academic Programs

Diversity Recruiting: No

Eligible Years: Graduating in 2026 (Pre-Final Year Students) - B.Tech / Dual / Master's

Eligible Departments: B.Tech in Chemical Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Engineering and Computational Mechanics, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing

Stipend Details

Stipend (per month) (In INR Per Month): 200,000 INR Per Month

Provision of PPO based on performance? Yes

Tentative CTC for PPO select: 24 LPA fixed + retirals and other benefits, actual numbers may vary and will be captured on offer letter. INR Per Annum