

# Internship Notification Form, IIT Delhi

## About Organisation

<b>Name of Company:</b>	Dynamic Technology Lab
<b>Date of Establishment:</b>	2011-04-13
<b>Number of Employees:</b>	50
<b>Social Media Page Link:</b>	-
<b>Website:</b>	<a href="https://www.dytechlab.com/">https://www.dytechlab.com/</a>
<b>Type of Organization:</b>	Private
<b>Nature of Business:</b>	Other (it_software,finance_consulting)

## Internship Profile

<b>Job Title:</b>	C++ Developer Intern
<b>Job Description:</b>	<p>The C++ developers maintain our trading/research capabilities in global markets and innovate how we do them.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"><li>- Optimizing the performance of various components of the trading system</li><li>- Maintaining and enhancing backtest simulator</li><li>- Exploring big-data infrastructure for research</li><li>- Exploring execution algorithms research</li></ul> <p><b>Qualifications:</b></p> <ul style="list-style-type: none"><li>- Pursuing a Bachelor's degree in computer science is preferred</li><li>- Proficient in one of the well-known programming languages (C, C++, Java, Rust etc.)</li><li>- Strong background in algorithm, data structures and/or operating systems-related topics (memory management, scheduler, I/O etc.)</li><li>- Ability to quickly learn new concepts or technologies</li><li>- Ability to write sizable applications and manage complexity</li><li>- Linux experience</li><li>- Effective communicator and decision maker</li></ul> <p><b>The following are bonuses:</b></p> <ul style="list-style-type: none"><li>- Knowledge of automated trading system</li><li>- Familiar with modern C++ (11, 14, 17 or 20)</li></ul>
<b>Minimum No. of Hires:</b>	1
<b>Expected No. of Hires:</b>	1

<b>Location(s)/Place of Posting/Online:</b>	Singapore
<b>Skillset:</b>	Proficient in one of the well-known programming languages (C, C++, Java, Rust etc.) and strong background in algorithm, data structures and/or operating systems-related topics.
<b>Minimum CGPA:</b>	7
<b>Students with backlog eligible:</b>	No

## Selection Process

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

## Eligible Academic Programs

<b>Diversity Recruiting:</b>	No
<b>Eligible Years:</b>	Graduating in 2027 (Second Year Students) - B.Tech / Dual, Graduating in 2027 (Third Year Students) - Dual Degree, Graduating in 2026 (Pre-Final Year Students) - B.Tech / Dual / Master's
<b>Eligible Departments:</b>	B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Energy Engineering, B.Tech in Engineering Physics, B.Tech in Engineering and Computational Mechanics, B.Tech in Materials Engineering, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Textile Engineering, B.Tech and M.Tech in Biochemical Engg & Biotechnology, B.Tech and

Engineering, B.Tech and M.Tech in Environmental 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, M.Sc in Chemistry, M.Sc in Cognitive Science, M.Sc in Economics, M.Sc in Mathematics, M.Sc in Physics, Bachelor of Design, Master of Design in Industrial Design, Masters in Public Policy, Ph.D. in IITD-NYCU Joint Degree Programme

## Stipend Details

**Stipend (per month) (In SGD Per Month):** 3,000 SGD Per Month

**Accommodation:** Housing, work visa and two-way flights will be sponsored by the company

**Provision of PPO based on performance?** Yes

**Tentative CTC for PPO select:** 80,000 SGD Per Annum