DNA CAPITAL

HFT Internship Opportunities (Summer 2025) for HSE Faculty of Computer Science Students

HIGH-FREQUENCY TRADING

Pure Technology

The whole business is build around technology
State-of-art research and large tech capacities

Low Latency Algorithms and Infrastructure

<1-2 us to trade
Algorithms make thousands of trades
while you reading this slide

Huge Data Research

Billions of data points
To generate hypothesis, train models and make
decisions

50–70%

Market Volume Worldwide

100+ mln

Market Data Updates Daily

> 10

Typical Sharpe Ratio

LATENCY BATTLE

- Distance between Chicago and NYC ~1200 km

- 2 hours by plane

- 12-14 ms by optical fiber

- ~4 ms with the speed of light in vacuum

- 4.13 ms using microwave connection

DNA CAPITAL

MARKET MAKING FIRM SPECIALIZED ON DIGITAL ASSETS

Top-Tier Team

Leading specialists in CS, Maths and Physics
With extensive industry experience

Boost Your Knowledge

Working directly with mentors
Gain first-hand exposure to cutting-edge financial technologies

Opportunity to Impact

Anyone can challenge and bring new ideas
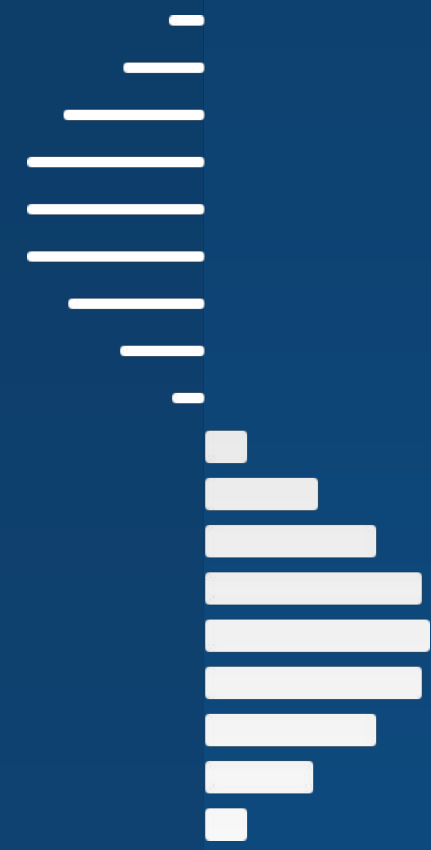Work in small teams all the way of strategy research and development

> **2000**

Cores In Cluster

> **$10 bln**

Trading Volume

< **10**

People In The Team

Build, Optimize, Predict: Your Internship Awaits

QUANTITATIVE RESEARCH INTERNSHIP

Predict Markets Like Never Before

- Research market inefficiencies and explore new trading ideas

- Train advanced ML models to forecast market movements

- Feature engineering on terabyte-scale datasets to enhance the predictive power of your models

- Evaluate your strategies with real-world historical trading data

C++ ENGINEERING INTERNSHIP

Code at the Speed of Light

- Develop and optimize the ultra fast C++ trading engine

- Dive deep into performance enhancement techniques using profilers and the latest C++ features

- Work with Linux kernel, networking, multi-threading, and hardware optimization

- Explore non-trivial approaches to push the boundaries of C++

JOIN US

Mentorship

Direct 1:1 coaching from industry pioneers

Compensation

Top-tier stipend + performance bonuses

Career Path

80% of interns receive return offers

Development and Learning

Workshops, code reviews and lectures to accelerate your skills

Culture

Work hard — play hard: fun events for the whole team

@dna_capital_hr

HOW TO APPLY

Ready to Elevate Your Career? Apply now!

- Application Deadline: 30 April

- Hiring Process:

  1. Technical Coding Challenge
  2. Final Round Interview with the Team
  3. Job Offer

- Questions? Our Telegram: **@dna_capital_hr**

@dna_capital_hr

DNA CAPITAL

HFT Internship Opportunities (Summer 2025)
for HSE Faculty of Computer Science Students