

Sylvain GIRARD

Quantitative Trader

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★ Finance

Trading Competitions

- 1st/350 ReadyTraderGo EU/UK - Optiver (2021)
- 1st/8 - LSE & Optiver (2021)
- 1st/70 - Imperial College (2022)
- 10th/400 TradeXtrem Essec (2022)
- Bloomberg & Eikon Certs

📁 Computer Skills

Cybersecurity

- Cryptography, Web, Forensic, Pwn, Network, ...
- 14th/1700 in French Championships (2021)
- 54th/40 000 Cryptohack
- Top 3%, 90% of the time

Programming

- Python, Java, Rust, C++, JS, Bash ... (~ 10 languages)
- 2nd/20 Polkadot Hackathon 2023
- 2nd/30 Ponts Kiro 2020
- [Check my website](#)

DataScience & Cloud services

- 1st/9 Meta x EF - AI Safety (2023)
- 1st/45 Wavegame (2021 & 22)
- 1st/45 AWS challenge (2020, 2021 & 2022)
- 1st /25 SCOR Datathon (2021)

A Languages

French native
English fluent (C1) GRE 328 IELTS 7.5
Spanish fluent (B2)

👥 Activities

Martial arts

- Judo 1st dan, 8th in French Championships 2016
- Karate, FR Championships 2017

Dancing

- Acrobatic rock-n-roll coach
- Break-dance, Tango & Salsa

Triathlon, Climbing, Piano, Chess (2k)

LSE MSc Finance and Economics graduate, curious, driven and multi-skilled, with excellent quantitative and analytical skills developed through academic study and competitions.

Education

MSc Finance and Economics - LSE, London, UK - 2021 to 2022

- Core curriculum includes *Financial Economics, Financial Econometrics, Financial Engineering, Sustainable Finance and Impact Investing*. Double diploma.

Télécom Paris Engineer Degree GPA 4.0 - *Télécom Paris*, France - 2019 to 2023
Among French Grandes Ecoles, Télécom Paris ranks 1st in Computer Science and 2nd in Engineering.

- Specialized in *Economics, Cybersecurity and Data Science*.
- Core curriculum includes *Microeconomics, Econometrics, Statistics, Digital Finance, Cryptography, Mathematics, Physics, Computer Science, Economics*.

CPGE GPA 4.0 - *Lycée Louis Pasteur*, Neuilly-sur-Seine, France

Post-secondary two-year course in advanced Maths and Physics leading to nationwide competitive entrance examinations to the French Grandes Ecoles

- First overall in math and physics the first year

Work Experience

CTO - *Safe Sign Technologies*, UK - 02/2023 to now

- Strategise the deployment of an AI powered lawyer
- Manage all technical aspects of the company
- Manage 3 teams of 4

Quantitative Research Intern - *Qube Research & Technologies*, London, UK - 09/2022 to 03/2023

- Built systematic trading strategies on the US equities high frequency desk
- Worked on NYSE openings and GBMs applied to intraday alphas
- Unveiled other market participants strategies

Quantitative Researcher - *DFi Labs*, remote - summer 2022

- Built and deployed intraday cryptocurrency strategies

Cybersecurity Consultant - Junior Enterprise for *ADIMAS*, Paris, France - 09/2020 to 05/2021

- Deployed and secured an IT infrastructure (VPN, cameras, firewall, alerts...)

Cybersecurity Intern - *TOTAL*, Paris, France - 07/2020 to 09/2020

- Analyzed threats and incidents for the TGITS Security Operating Center
- Produced a manual on Internet anonymity for internal use

SWE - Junior Enterprise for *New Drone*, 09/2019 to 05/2020

- Developed 2 Android applications for the MIT-sponsored startup
- Applied agile methods (Jira) working with Firebase, Google Cloud and Maps

Entrepreneurship

Founder & CEO - *Dagger Inc.*, UK - 10/2023 to now

- Building a high frequency quantitative cryptocurrency prop trading firm
- Using the stack: Rust, Docker, TimescaleDB, AWS, Terraform, Github Actions
- Aggregating all options and futures on Deribit

Co-Founder & President - *ShapeShifters*, France - 07/2022 to now

- Building a consultancy providing expertise in automated trading systems, AI, data management and cybersecurity
- Developing an online community of high achievers with diverse specializations sponsored by Entrepreneur First