



INTERNSHIP OFFER

Ref. No. FR-2024-011

Internship Host Information

Internship Host: CyQuant
Paris
25 Rue de Ponthieu
75008 Paris
France

Website: <https://www.cyquant.com/>

Location of placement: 25 RUE DE PONTTHIEU 75008 PARIS
Nearest airport: Aéroport de Paris Orly
Working hours per week: 35.0
Working hours per day: 7.0

Number of employees: 1

Business or products: Cyber Risk Quantification

Student Required

General Discipline: COMPUTER AND INFORMATION SCIENCES;
MATHEMATICS AND STATISTICS

Completed years of study: 4

Field of Study: Computer Programming/Programmer, General.;
.Computer and Information Systems
Security/Information Assurance.;Statistics, General.;
Mathematical Statistics and Probability.

Student status requirements: Required for the whole duration of the internship

Language required: English Good (B1, B2)

Required Qualifications and Skills:

R Programming Language | Javascript | Cybersecurity

Other requirements:

Detail-oriented and rigorous, Problem solving mindset, Effective communication

Quantitative analysis

Familiarity with databases (SQL/NoSQL) and API development is a plus

Internship Offered

The company is seeking a skilled and motivated Developer Quant / Cybersecurity Specialist with expertise in JavaScript to join our team in Paris. In this role, you will be instrumental in developing secure and efficient solutions for our cutting-edge cyber risk insurance platform.

Key Responsibilities:

- Development: Lead the development of backend and frontend features using JavaScript (Node.js for backend and potentially frameworks like React or Angular for frontend). You will ensure the platform is robust, scalable, and secure, adhering to best practices in coding and design.
- Quantitative Analysis: Apply your mathematical and statistical skills to quantify cyber risks. Your analyses will directly influence our risk assessment models and help shape our underwriting and risk management strategies.
- Cybersecurity: Integrate strong cybersecurity measures into all aspects of development. This includes implementing secure coding practices, conducting vulnerability assessments, and staying up to date with the latest security trends to protect our platform from emerging threats.

What We Offer:

- An opportunity to expand your expertise in development, quantitative analysis, and cybersecurity within a rapidly growing startup.
- The chance to work on diverse, challenging projects that will help you grow professionally.

Number of weeks offered: 16 - 26

Within the months: 02-SEP-2024 - 29-AUG-2025

Or within: -

Company closed within: -

Latest possible start date: 02-MAR-2025

Working environment: Office work

Gross pay: 1200 EUR / Month

Deduction to be expected: No

Payment method / time of first payment: Bank Transfer /

Other important remuneration information: Pass Navigo reimbursement to cover your transportation costs in Paris, from 50% to 100%

Accommodation

Canteen at work: No

Expected type of accommodation: Apartment

Accommodation will be arranged by: Trainee with the help of IAESTE
France

Estimated cost of lodging: 800 EUR / Month

Estimated cost of living incl. lodging: 1200 EUR / Month

Additional Information

- Please don't forget the enrolment certificate in the nomination, with a precise end date of the certificate (Month + Year) which should be later than the desired end date of internship.
- Each student can ask for a financial help for accommodation of 70-130 € to the French administration (APL from CAF).
- You can get in touch with your school if you are eligible to any Erasmus funding or other grants (from 410€ to 690€). Please visit <https://www.aide-sociale.fr/bourse-europeenne-erasmus/> and <https://erasmus-plus.ec.europa.eu/opportunities/opportunities-for-individuals/students/traineeships-for-students-abroad>

Nomination Information

Deadline for nomination: 01-NOV-2024

Date: 27-AUG-2024 *On behalf of receiving country:* IAESTE France