Eloi BESNARD

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Engineer in computer science, I am expanding my knowledge to nuclear physics through a second master. I am looking for an internship in **nuclear physics** or **electrical power engineering** from **April 20th** to **September 1st 2024**.

Education

INSTN, CEA (2023-2025)

Ongoing **master in nuclear physics** from French Alternative Energies and Atomic Energy Commission(CEA).
Topics studied : basic nuclear physics, interaction of radiation with matter, thermodynamics, energy production technologies, basic neutronics, quantum mechanics, materials science, electrical power engineering and mathematics.

Télécom SudParis (2020-2023)

Graduated in **master 2 of computer science** from engineering school Télécom SudParis.
Topics studied : cryptography, distributed systems, operating systems programming.
Proficiency in C, python, Git, Linux and Docker.

Classes Préparatoires (2018-2020)

French maths and physics classes to prepare for French Grandes Ecoles competitive exams.
Topics studied : Mathematics, physics.

Experiences

Sweden (jul-aug 2023)

Mandatory **abroad experience** of 7 weeks in Télécom SudParis education. The aim was to renovate an old swedish house in the countryside of *Uppsala*.

CEA (feb-jul 2023)

Final year internship at CEA, Alternative Energies and Atomic Energy Commission.
Assignment : Implementation of a decentralized application for green energy certificates.
Topics : distributed systems (blockchain, smart contracts), cryptography (homomorphic encryption).

Carbometrix (jun-sept 2022)

Second year internship in French start-up that computes companies' carbon footprint.
Assignment : Developing a software to compute carbon footprint.
Topics : data bases, front-end and back-end development. Use of Typescript.

Foch Hospital (jun-jul 2021)

First year internship in Foch Hospital, in nephrology department.
Assignment : Study of general information flow in the department.

Publications

(1) Tiphaine Henry, Julien Hatin, Eloi Besnard, Nassim Laga, Walid Gaaloul. Towards trustworthy and privacy-preserving decentralized auctions. 2023. ffhal-04145599f

🇫🇷 **French** (Native)   🇬🇧 **English** (professional working proficiency)

What I like to do in my free-time :   🎵 📖 🏋 ♻ 〰

I play, tune and fix pianos. I play the guitar and I sing. I play a lot of chess, I workout and I am committed against climate change. I also love the sea, sailing and surfing.