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Eloi BESNARD



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.

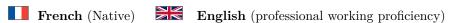
Topics: data bases, front-end and back-end development. Use of Typescript.

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



What I like to do in my free-time : ♬ 🙎 🚻 🗯