

✉ eloi.besnard@ensta-paris.fr
☎ +33 7 83 67 76 20
🐙 Github/OsgoodSchlatter
🌐 LinkedIn/Eloi Besnard
💻 https://osgood.pro

Eloi BESNARD



Engineer in computer science, I am expanding my knowledge to nuclear energy through a second master. I am looking for an internship in **research and development** in nuclear energy from **April 20th** to **September 1st 2024**.

Education

Master Nuclear Energy (M1), ENSTA (Saclay, 2023-2025)

Ongoing **master in nuclear physics** from ENSTA. This master was created and is sponsored by EDF.

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.

Master Computer Science (M2), Télécom SudParis (Saclay, 2020-2023)

Graduated in **master 2 of computer science** from engineering school Télécom SudParis.

Topics studied : high performance computing, cryptography, distributed systems, operating systems programming.

Proficiency in C, Python, Git, Linux and Docker.

Classes Préparatoires (Nantes, 2018-2020)

French maths and physics classes to prepare for French Grandes Ecoles competitive exams.

Topics studied : Mathematics, physics.

Experiences

Abroad Experience (Uppsala, 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 (Saclay, feb-jul 2023)

Final year internship at CEA-Saclay, 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 (Paris, 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 (Paris, 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. fhal-04145599f

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.