

# ERWAN BROUDIN

Junior Software Developer.

Looking for my first job after graduation in November 2024.

@ erwan.broudin@ensea.fr

+33 (0)6 95 28 77 79

Paris, FRANCE

Erwan BROUDIN

Erwan-BR

Erwan-BR

erwanbroudin.com

## PROFIL

Engineering student and self-employed entrepreneur who is always looking to learn and develop new skills in computing, teaching and new technologies.

## STRENGTHS

Organization

Teaching

Responsibility

Creativity

Leadership

C

C++

C#

Python

Java

LaTeX

HTML

CSS

XML

JS

SQL

Git / Github

Office

Mermaid

Unit Test

Windows

Linux

MacOS

## LEARNING

Swift & SwiftUI

SQL

Portuguese

## LANGUAGES

French: **Native speaker**

English: **Proficient - C1 - TOEIC : 940**

Portuguese: **Intermediate - B1 / B2**

## REFERENCES

All my references are available on request.

## EDUCATION

Master's degree in electronical engineering | [ENSEA](#)

2021 - expected 2024

Cergy

- Graduate school in electronic engineering, IT, telecommunications.
- Majors in electronics, IT, signal processing.
- Second Year Majors: Signal, Computer Science, AI and Big Data, linear algebra.
- Third Year Majors : IT and Systems (Object-oriented programming with a C++ project).

Pre-Engineering undergraduate studies | [Lycée Militaire de Saint-Cyr](#)

2019 - 2021

Saint-Cyr l'École

- 2-year intensive pre-engineering undergraduate studies.
- Majors in mathematics (linear algebra, topology, probability), physics (mechanics, Quantum physics), chemistry and engineering sciences.

## EXPERIENCE

Internship : Unit Test | [LGM Ingénierie](#)

05 2023 - 09 2023

Vélizy

- Performing unit tests on a number of modules in the OCEAN project (coded in C).
- Analysing diagrams, writing test algorithms, checking test coverage, issuing test reports and correcting diagrams if necessary.
- Development of a diagram editor functions in C++.

Scientific tutor | [Alveus](#)

2021 - Present

Paris

- Tutoring in groups of 4 to 5 students (from Middle to Secondary school) in mathematics, physics, chemistry and biology.
- Taught revision course during vacations, with the same groups 6 hours a day for a full week.

Internship : C# Developer | [INFOR](#)

07 2022 - 08 2022

Paris

- Development of an online hotel booking engine.
- Development in C#, dealing with communication between INFOR and its partners, with the sending and receiving of XML request and response files.

## PROJECTS

Development of a board game in C++ | [github.com/Erwan-Br/PLT](https://github.com/Erwan-Br/PLT)

09 2023 - 01 2024

- Development of the various classes.
- Development of the graphical interface, multi-threading for communication management, and complete game mechanics.
- Unit testing, project build and many other milestones to pass over the 5 months.

Development of my personal website | [erwanbroudin.com](https://erwanbroudin.com)

04 2023

- Learn HTML and CSS through online training.
- Website roll-out: purchase of domain name, DNS record, local hosting.