

LUCAS BERNARDEAU

4th Year Engineering Student - Looking for Internship (4-5 months) - Sept. 2025

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📍 Paris, France (Mobile)

🌐 www.lucasbernardeau.fr

EXPERIENCE

Teaching Assistant (ACDC)

EPITA - Teaching Assistant Association

⌚ Since September 2024 🌐 Paris

- Mentoring 1st-year students (C and Python projects).
- Pedagogy, code review, and advanced debugging.

Rugby Coach / Educator

EGG XV

⌚ 2021 – 2025 🌐 Goussainville

- Managing a youth group, planning training sessions.
- Developing leadership and responsibility skills.

SIGNIFICANT PROJECTS

Automatic Driving Distraction Detection

Embedded Systems & C

⌚ 2025

- Design of an embedded system analyzing driver attention via sensors.
- Real-time processing and triggering of safety alerts.

42sh (POSIX Shell)

C, Unix, System Architecture

⌚ 2026

- Complete re-implementation of a Bash-like Shell from scratch.
- Management of processes, signals, pipes, and parsing (AST).

Atelibox

Fullstack Web (SaaS)

⌚ 2025

- Functional SaaS app solving real-world logistics problems.
- Full management: Front, Back, DB, and Deployment.

OCR Word Search Solver

C, Neural Networks

⌚ 2024

- Creation of an Optical Character Recognition (OCR) engine.
- Implementation of neural networks and image processing.

SKILLS

System, Network Low Level

C / C++ ASM 68k Unix / Linux
Shell Scripting Git GNS3

Application Development

Java C# (.NET) Python SQL

Web Mobile

HTML/CSS JavaScript Flutter Kotlin
Deployment (OVH/DNS)

Soft Skills

Leadership Teamwork Mentoring Rigor
Adaptability Autonomy

EDUCATION

M.Sc. in Computer Science Engineering

EPITA

⌚ Class of 2028 🌐 Paris

- ACDC (Teaching Assistant)
- Staff Com' (School Ambassador)
- Intensive Bootcamps: C, C++, Java, SQL.

International Semester

Universidad Politécnica de Madrid

⌚ Jan. 2025 – June 2025 🌐 Madrid

- Master's courses: Mobile App Development, Embedded Systems.

IT Department Intern

EDF Nuclear

⌚ 2020 🌐 Saint-Denis

- Discovery of critical industrial infrastructures.

LANGUAGES

French (Native)
English (B2 - Technical)
Spanish (C2 - Fluent)
Russian (A1 - Basic)



INTERESTS

Combat Sports

- Junior French Champion (Kickboxing/K1, 2023)
- Winner of the Junior French Cup (2023)