

Lucas Duport

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📅 Internship in February 2026 (6 months) | 🌍 Worldwide

🎓 EDUCATION

EPITA - Master's Degree in Computer Engineering

Paris, France

Major: Artificial Intelligence & Computer Vision — GPA: 3.7 — Member of student association

2021 – 2026

San Francisco State University - Computer Science

San Francisco, CA

Exchange Semester — GPA: 3.9 — EPITA Student Ambassador

2023

🧰 EXPERIENCE

Teaching Assistant

Ref: Valentin SEUX, Associate Director – valentin.seux@epita.fr

Paris, France

EPITA

2023 – Present

- Part of a team of 60 students that support 800+ third-year students in coding activities alongside my studies.
- Assisted in **debugging and answering technical questions** in various programming languages.
- Designed practicals and deployed automatic grading systems for 600+ first-year students.
- Attended workshops regarding pedagogic approach, posture, motivation, voice, and body language.
- Crash-tested multiple projects and test suites and gave constructive feedback.

Data Scientist Intern

Ref: Philippe VIALLETELLE, Data Science – philippe.vialletelle@st.com

Grenoble, France

STMicroelectronics

2025 (6 months)

- Developed a data augmentation pipeline using **RAG** for technical text summarization.
- Built a full-stack platform using FastAPI, with a frontend in HTML/CSS/JavaScript for data validation and annotation.
- Designed and improved a **root cause suggestion system** based on reported symptoms in collaboration with end-users.

Software Engineering Intern

Paris, France

Kerquest SAS

2023 (2 months)

- Developed a prototype computer vision system to **detect object types on a grid** in a production line, improving automation readiness.
- Created an operator-facing interface to assist with real-time detection and decision-making.
- Automated server installation using Debian Preseed, Ansible, and Bash scripts.

🧩 PROJECTS

TripAdvisor Review Analysis

👤 5

Python

2025

- Developed a pipeline to **classify hotel reviews and generate** synthetic text using keywords and ratings.
- Implemented and compared logistic regression, RNNs, FNNs, and transformers.

Sudoku OCR from Scratch

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2023

- Built an end-to-end system that **detects, extracts, and solves** Sudoku puzzles from images using classical image processing and neural networks — entirely built in C without external libraries.

✂ SKILLS & INTERESTS

Technical Skills: Python, C, C++, Java, SQL, JavaScript, Bash, C#.

Tools: Git/GitHub/GitLab, Docker, Linux.

Languages: French (native), English (**970/990 TOEIC**), Italian (B2).

Soft Skills: Curious, passionate, strong communication, calm, positive, hard worker.

Interests: Homelab, ski, watchmaking, poker, travel.