

# Lucas Duport

+33 6 87 61 33 64 | [cv.lucasduport@icloud.com](mailto:cv.lucasduport@icloud.com) | [lucasduport.cc](http://lucasduport.cc)

## PROFILE

---

Final-year Computer Science student at EPITA, specializing in Artificial Intelligence and Computer Vision. I'm actively seeking a 6-month end-of-study internship starting February 2026 to apply the skills I've acquired and contribute to impactful projects within your organization.

## EDUCATION

---

|   |                   |
|---|-------------------|
| <b>EPITA - Master's Degree in Computer Science</b>  | Paris, France     |
| <i>Major: Artificial Intelligence &amp; Computer Vision — Member of student association</i> | 2021 – 2026       |
| <b>San Francisco State University - Computer Science</b>                                    | San Francisco, CA |
| <i>Exchange Semester — EPITA Student Ambassador</i>   | 2023              |

## PROFESSIONAL EXPERIENCE

---

|   |                  |
|---|------------------|
| <b>STMicroelectronics</b>   | Grenoble, France |
| <i>Data Scientist Intern</i>  | 2025 (6 months)  |
| <ul style="list-style-type: none"><li>Developed a data augmentation pipeline using <b>RAG</b> for technical text summarization.</li><li>Built a full-stack platform using FastAPI, with a frontend in HTML/CSS/JavaScript for data validation and annotation.</li><li>Designed and improved a <b>root cause suggestion system</b> based on reported symptoms in collaboration with end-users.</li></ul> |                  |
| <b>Kerquest SAS</b>   | Paris, France    |
| <i>Software Engineering Intern</i>  | 2023 (2 months)  |
| <ul style="list-style-type: none"><li>Developed a prototype computer vision system to <b>detect object types on a grid</b> in a production line, improving automation readiness.</li><li>Created an operator-facing interface to assist with real-time detection and decision-making.</li><li>Automated server installation using Debian Preseed, Ansible, and Bash scripts.</li></ul>                  |                  |
| <b>EPITA</b>  | Paris, France    |
| <i>Teaching Assistant</i>   | 2023 – 2026      |
| <ul style="list-style-type: none"><li>Part of a team of 60 students that support over 800 third-year students in coding activities alongside my studies.</li><li>Assisted in <b>debugging and answering technical questions</b> in various programming languages.</li><li>Designed practicals and deployed automatic grading systems for over 600 first-year students.</li></ul>                        |                  |

## PROJECT

---

|   |            |
|---|------------|
| <b>TripAdvisor Review Analysis</b>  | Group of 5 |
| <i>Python</i>   | 2025       |
| <ul style="list-style-type: none"><li>Developed a pipeline to <b>classify hotel reviews and generate</b> synthetic text using keywords and ratings.</li><li>Implemented and compared logistic regression, RNNs, FNNs, and transformers.</li><li>Addressed class imbalance with <b>nlpaug</b>-based augmentation, improving accuracy drastically.</li></ul>  |            |
| <b>Sudoku Reader &amp; Solver from scratch</b>  | Group of 4 |
| <i>C</i>  | 2023       |
| <ul style="list-style-type: none"><li>Built an end-to-end system that <b>detects, extracts, and solves</b> Sudoku puzzles from images using classical image processing and neural networks — entirely built in C without external libraries.</li><li>Applied image preprocessing techniques: grayscale conversion, Gaussian and Sobel filters, manual resizing.</li><li>Integrated a digit classifier and custom solver in an intuitive user interface.</li></ul> |            |

## 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 (basic).  
**Soft Skills:** Curious, passionate, strong communication, calm, positive, hard worker.  
**Interests:** Homelab, skiing, watchmaking, poker, travel.