

# HENRI SAUDUBRAY

## COMPUTER SCIENCE STUDENT

Bilingual in French/English thanks to an International Baccalaureate, I am currently pursuing a master's degree in computer science at Université Paris Saclay, after a bachelor's at the Catholic University of Lille.

With solid skills in languages such as OCaml, Python, C and Java, as well as full-stack web development with frameworks such as React.js or Symfony, I fit in quickly to new teams and am very autonomous.

## PROFESSIONAL EXPERIENCE

### Skapánê - Full-stack Developer

Traineeship | 2022 - 2023 | France

- Back-end development in Python
- Containerized web-app design with React.js, Flask and Docker

### CDC Informatique - Java back-end Developer

Internship | May - August 2022 | France

- Developed test automation software for banking transaction system

### Ac'Lab - Vice-Treasurer & Teaching Lead

Association | August 2021 - May 2022 | France

- Website development
- Event planning
- Teaching computer science basics
- Budget management

### Fnac Darty - UX Design / Integration Assistant

Internship | May - August 2021 | France

- Customer insight
- iOS Application Deployment
- Responsive design

## EDUCATION

### Université Paris Saclay — MPRI

Master's Degree | Computer Science | Since 2023

- Formal methods, Proof Assistants, Deductive Program Verification
- Algorithms, Complexity/Computability Theory
- Quantum Computing

### École du Numérique — Lille Catholic University

Bachelor's Degree | Computer Science | 2020 - 2023

- Web development, algorithmics, relational databases, object-oriented and functional paradigms
- Project management

### Faculté de Médecine et Maïeutique — Lille

Medicine | 2019 — 2020

### Kampala International School Uganda — Kampala


International Baccalaureate (IB) | 2017 — 2019

Majors in Biology, Chemistry and Mathematics

Bilingual Diploma - French/English

## INFORMATION

 Orsay, France

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## SKILLS

French (Mother tongue)

English (C2)

OCaml/Python/C/Java/JavaScript

Full-stack web development

Agile software development

(SCRUM)

## OTHER

- University ambassador in Lille (contributing to university promotion during several events)
- Civil Servant - Volunteering
- First Aid training
- Piano (Associated Board of the Royal Schools of Music Diploma)
- Lived in several African countries (Burkina Faso, Zambia, DRC, Uganda) and travelled to more than 30 countries