



# PAUL DUFOUR

## Software Engineer Internship

@ paul.paul.dufour@gmail.com

in dufour-paul

kolowy

Paris - Lille, France

kolowy

https://kolowy.fr/

## LANGUAGES

C C++ C# SQL bash

Python OCaml

x86 Assembly  $\LaTeX$

Markdown

## TOOLS

git CI/CD vim i3vm

shell tmux Arch Linux

Nix

## INFRASTRUCTURE AS CODE

Docker Terraform Ansible

## LANGUAGES

French: Native language

English: TOEIC : 895

German: Notions - Exchange with German correspondents from Saarlouis

## INTERESTS

Sport:  
Running  
Tennis  
Windsurfing  
Hiking

Other qualifications:  
PSC1 (first aid training certificate)

## OTHER EXPERIENCES

Hackaton #1:  
Creation of an E-Accessibility Project - 2022

Sailing Instructor Assistant:  
Accompaniment of students on sailing techniques and freshwater navigation

Unity First Game Jam:  
Participation in the Unity Game Jam: improving a video game (1st place)

## ABOUT ME

I am a 3rd year student in computer engineering. I am highly motivated to improve my learning. I have been passionate about computer science since I was 13 years old, and I am always looking for new things to discover! I would like to learn and develop my skills in infrastructure but remain open to all opportunities.

## EDUCATION

Software Engineer | EPITA 2021 - now Paris, France  
Ecole Pour l'Informatique et les Techniques Avancées

ICE | Chulalongkorn University 2023 Bangkok, Thailand  
Information and Communication Engineering, 5 months

French Baccalaureate | Marcq Institution 2021 Lille, France

## EXPERIENCES

Teaching Assistant C Dièse Caml 2023 - now EPITA  
Teach C# and Caml to first-year students and create subjects and exercises for them.

Vittascience Internship | 2023 Summer 2023 Paris, France  
Create a Python to Block converter with Javascript.

Prologin Organization | 2022 - now Prologin  
Secretary  
Management of the association and registration of members.

### Member

- Girls Can Code! workshop to promote the integration of women in Computer Science
- Create a new website for Girls Can Code!
- Met with high-ranking officials to promote and develop the association and its actions.
- Organization of a computer science contest where students under 21 have to solve problems and challenges.
- Maintaining the association's infrastructure and develop new tools.
- Help in implementing a modern, code-compliant infrastructure with containerization of internal and external services.

## PROJECTS

JWS - Java Web Service february 2024 EPITA  
Introduction to development frameworks (Quarkus and Hibernates) and software architectures in Java.

42SH | 2024 january 2024 EPITA  
EPITA project to create a POSIX shell in C.

OCR Sudoku Solver | 3rd Semester EPITA  
A project to create an Optical Character Recognition to solve Sudoku in C.