Ivan **Imbert**

SEEKING

Engineer Embedded Systems / IoT / **Robotics** Starting september 2025

LANGUAGES



French: Native



English: TOEIC: 945



Spanish: Basics

INTERESTS



Hackathons

Trips



More than 15 destinations Including Canada, Bolivia, Norway and many others



Music

Trumpet / Orchestra 14 years



Collaborative work



DIY / Robotics

CONTACT



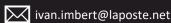
ivan-imbert



@goblivend



75011 Paris France



EXPERIENCE

6 months development engineer intern at Emotors 2025

Research and testing of new tools for realtime testing on automobile

Assistant teacher at EPITA (ACDC/YAKA/ACU) 2022 - 2025

Supervised tutorials in OCaml, C#, Java, JS, C++, C, SQL

2023 5 months dev internship at SPIDEO - Paris

Development of a new content recommendation algorithm (Java)

2 months worker internship at MARKETING STUDIO - Paris

Marketing surveys company

Worker internship at ENEDIS - Puteaux 07/2021

At Cyclotron, incubator

FORMATION

2022

2020 - 2025 Informatic Engineer at EPITA - Kremlin-Bicêtre

Engineering school certified CTI

English section, then real-time / embedded systems major Semester of studies at Centria UAS - Finland Kokkola

Prevention and First Aid level 1 2018

SKILLS

Imperative:

Functional:

2022

Office **Programming**

> Java / C# / C / C++ / Bash / R / Python / JS / Lua / VBA / Rust

Haskell / Ocaml (Scala / Nix)

Others: VHDL (Ada) / Heptagon

Data bases: MongoDB / SQL /

Elasticsearch / Neo4J

IDE: Jetbrains / VS Code /

Quartus / stm32CubeIDE

CAD: SolidWorks / Fusion360

Plateforms:

Tools: Git / Gitlab / Docker / Jira

> Linux / Arduino / ARM / FreeRTOS / YOCTO /

Raspberry / x86

PROJECTS



Monocycle Processor - VHDL / Modelsim / Quartus

Design and synthesis of a single-cycle processor to upload onto an FPGA board. (decoder of compiled assembly instructions)



Tiger - C++

Creation of a compiler for the language Tiger in a 4 students group



42sh - C / Shell

Creation of a posix shell from scratch in a 4 students group Use of a CI/CD gitlab



Sudoku OCR - C

Creation of an sudoku solving OCR in a 4 students group Use of a neural network for the digit recognition part



CodeMeToAfterlife - C# / Unity

Game aiming to learn programing in a multiplayer environment in a 4 students group Language interpreted and syntax highlighting

COMPLEMENTARY ACTIVITIES



Teaching

Member of the office and tutor of the academic support association at EPITA from 5 to 100 students per class



Team contest Course en Cours

rank + innovation special price in 2017





Swimming



Climbing

