

# FLORIAN PASCO

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florianpasco

3 Villeneuve-Vihan, 56240 Inguiniel, France

mpek29

Driving licence

July 15 2002

mpek29.github.io/en

## SOFT SKILLS

Reliable Time management

Teamwork Automation fan

Dedicated Maker mindset

Confident Self-reliant

Methodical Imaginative

Analytical Inquisitive

## HARD SKILLS

RTOS CAD(Fusion, Catia)

ARM CPU arch. (STM32)

C/C++ Circuit sim. (SPICE)

Python TDB equipment

Tkinter GitLab/GitHub

Arduino Raspberry Pi

SPI/I<sup>2</sup>C 3D printing

bash/shell RTL (VHDL)

Office (PPT, Excel, Word)

PCB design Java


## LANGUAGE


French: **Native language**

English: **Proficient**

German: **Knowledge**

## HOBBY

 **Poetry**  
My source of creativity and relaxation.

 **Running & Cycling**  
To keep fit.

## REFERENCES

Available on request.

## EDUCATION

Master's Degree in Engineering (Electronics, Computer Science and Mechatronics) | [Brest National School of Engineering, France](#)

September 2020 – in progress

Brest, France

- Diploma expected in 2025.

Baccalauréat, French secondary education diploma

June 2020

## WORK EXPERIENCE

R&D technician intern working at a UGV(Unmanned Ground Vehicle) project | [AgriProTech](#)

June 26 2023 - September 01 2023

Quimperlé, France

- Use of the ArduPilot opensource firmware and associated software (Mission Planner and QGroundControl).
- Creation of electronic schematic and integration into the drone.
- Installation of an RTK GPS (use of a Raspberry Pi) and compass for autonomous navigation.


Construction Worker intern | [LE DANVIC Constructions](#)

January 2022

Inguiniel, France

- Learning the basics of masonry.
- Realization of mortar, concrete, formwork and laying of agglomerate.
- Dump truck driving as well as loading and transporting construction equipment.

## PROJECTS | [MORE PROJECTS](#)

Open source Bluetooth Portable Speaker | 

01/2024 – 02/2024

- Firmware development in C++ using the Arduino framework and PlatformIO.
- Circuit testing on breadbord, then PCB design and production (via JLCPCB).
- Fusion360 modelling of the entire enclosure, followed by 3D printing.

Z'EthyDex | Open-Source Android App in Kotlin | 

07/2022

- Creation of the application interface in XML.
- Functionality coding in Kotlin.
- Creation of a SQLite3 database

## VOLENTTEERING

Secretary | Responsible of one supplier | [ENIB cafeteria](#)

February 15 2022 – February 22 2023

Brest, France

- Preparation of student events.
- Order from some of our suppliers, stock management.