# **FLORIAN PASCO**

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3 Villeneuve-Vihan, 56240 Inguiniel, France Driving licence

**Use Service 15 2002 Use Service 15 2002** 

mpek29 mpek29.github.io/en

### SOFT SKILLS

Friendly Time management

Teamwork Automation fan

Dedicated Maker mindset

Confident Self-reliant

Methodical Imaginative

Analytical Inquisitive

## HARD SKILLS

CAD(Fusion, Catia) RTOS

ARM CPU arch. (STM32)

Circuit sim. (SPICE) C/C++

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** 

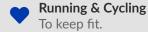
German: Knowledge

## HOBBY



#### **Poetry**

My source of creativity and relaxation.



## 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 working intern at a UGV(Unmanned Ground Vehicle) project | AgriProTech

**a** June 26 2023 - September 01 2023

Quimperlé, France

- Use of the ArduPilot opensource firmware and associated software (Mission Planner and QGroundControl).
- Creation of electronic schematics 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 | 🏶



**1** 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

## **VOLENTEERING**

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.