

Yann ULRICH

Engineer in Software Development and Embedded Systems



Amnetik

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My Website








France



Education

- 2021-2023 **Master in aircraft maintenance**
Specialized in **Embedded systems**
- 2018-2021 **Bachelor's degree in aircraft maintenance**
Evering Institute
- 2019 **Aeronautics Initiation Certificate (BIA)**
- 2022 **TOEIC 985 / 990 (C1 level)**

Experience

- 2022  **Research laboratory internship - LabSTICC**
Microcontroller project in **C** and **Arduino** to mesure corrosion among the structures in the ocean
- 2021  **Courses for teaching internship - EVERING**
Low level applications on multiple microcontroller to help creating programming classes
- 2016-2022  **Work in the family truck business - TRSO**
Managing, repairing and maintaining the trucks
- 2019  **Summer job in the moving industry - DEMECO**
Moving furnitures and driving them to the destination
- 2015  **Mont-de-Marsan air-base**
Discovering all the professions in the air-base

Projects

Programming in C / C++

Creation of games, simulations, image processing programs and signal processing programs in **C** and **C++**

Microcontroller - Raspberry Pi

Three month project to create an autonomous Primary Flight Display with its own sensors in **C++**

CAD Tools

3D modelling for an excavator bucket with CREO
3D modelling parts for a turboreactor with CATIA

Programming in C#

Learning **C#** on my own on project such as Discord bots, calendar application or a map with speed camera locations

Programming in VHDL

Creation of **VHDL** modules to implement sensors on **FPGA** microcontrollers

Programming in Matlab

Matlab and Simulink project for a **control law conception** to guide a Segway in equilibrium

Interests

Football

15 years of playing
University team captain



Esport

Competition on CS:GO, Valorant and Rocket League
Total Prize won : 145€

Others

Climbing, Karting, Piano,
Chess, Programming, Geography



Travels

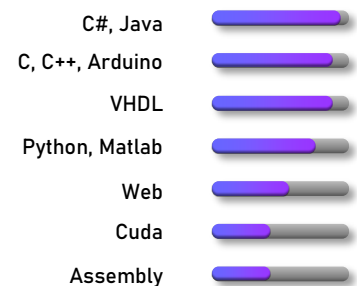
Poland, Spain, Netherlands, Dominican Republic, Greece,
Turkey, Mexico, England, Portugal

Skills

LANGUAGES



PROGRAMMING



SOFTWARE

