

# Jules Vaillant

## Software engineer



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<https://jules-vaillant.fr>

## Work experience

### Software engineer (internship)

*May to august 2023*

Naval Group, Ruelle-sur-Touvre, France

- Wago PLC programming (LD, SFC, FBD, ST) on CoDeSys
- Network and communication (MODBUS and PROFIBUS)
- C# tests scripts programming

### Robotic engineer (internship)

*April to august 2022*

Universitatea Tehnică din Cluj-Napoca, Cluj-Napoca, Romania

- Inverse kinematic computing
- Matlab programming

### IT maintenance

*August 2020 & august 2021*

Bel-Air Hospital, Thionville, France

- Setting up new hardware
- Repairing old hardware
- Fixing software problems

### PLC engineer (internship)

*April to June 2021*

Stellantis, Hagondange, France

- Siemens PLC programming (LD, SFC, FBD, ST, IL) on Step 7
- Network and communication (PROFIBUS)

# Education

## **Automation and Computer Engineering**

*2021 to 2024*

Polytech Angers, Angers, France

## **Two-year university degree in technology**

*2019 to 2021*

IUT d'Angers, Angers, France

## **BTEC National Diploma**

*2017 to 2019*

Lycée La Briquerie, Thionville, France

# Skills

## **IT**

- Good knowledge in PLC programming
- Good knowledge in C / C++
- Intermediate knowledge in Unity (Game engine)
- Intermediate knowledge in Python
- Intermediate knowledge in C#
- Basic knowledge in NodeJS
- Basic knowledge in Linux (especially Debian-based distros)
- Basic knowledge in Docker

## **CAD**

- Good knowledge in SolidWorks
- Intermediate knowledge in Autodesk Eagle

## **Languages**

- French (native)
- English (fluent)
- German (intermediate)