# 4th year undergraduate student at ESEO, Angers, France 6 month internship in web application development

## Charles Pichou

Linkedin.com/in/charles-pichou https://github.com/charl56/

Charles.pichou56@gmail.com French - native

## Internship

May - August 2022 (12 weeks): Citegestion, EDF subsidiary

Development of a web application for data visualization: backend with Flask under Python,

VueJS, SQL, Git, Docker image creation

#### March - June 2023 (16 weeks): Angers Loire Campus

Development of a web application for mapping innovation stakeholders in Angers Loire Métropole. Tools used: VueJs, NodeJs, GIT. Docker.

#### July - November 2023 (17 weeks): Nimbus

#### Research Center (Ireland)

Development of a Motion Capture suit for horses. Embedded system on ESP32 using C++, UDP server on Raspberry Pi, 3D visualization.

#### Hard-Skills **Soft-Skills**

-Web languages (HTML5, CSS3, -Autonomous

VueJs) -Curious -Teamwork

-French: native Object programming, JAVA, Java

-English: intermediate script language

-SQL, GIT

-Python language -Projet management

### **Exemple of projects**

Java: Memorie game

Embedded projects on **STM32** in **C++** house alarm,

Bluetooth remote controlled boat HTLM/CSS: CV display web page

SolidWorks: modelling

**VueJS**: Frontend of web application in internship, live

transport view school project

**NodeJs/VueJs**: web application for mapping innovation

Python: Morpion and Merelle game, web application

backend in internship

#### **MISCELLANEOUS**

Music Travel

Rugby

Driving licence

#### **PROFESSIONAL SKILLS**

Production operator at Mix Buffet, 56380 Guer,

- -Manage a fresh salad production line
- -Be autonomous to take initiatives

Refreshment stand employee: Roazhon park at Rennes, France Raymonde Kopa at Angers, France

#### **COMMUNITY LIFE**

#### Mai 2022: 4l Trophy

Humanitarian raid on board a Renault 4l to the Sahara, desert of Morocco, to bring school and sports supplies to children in need.

#### 2017: collection for food bank association

Gathering products at the exit of a supermarket.

#### **EDUCATION**

#### 2020-now: Bachelor at ESEO

-Class representative for 3 years

In a few words, the bachelor "Connected Digital Solution" at ESEO is:

-Post-baccalaureate training in 3 years, which

delivers the Bachelor's degree

-A spectrum of skills from electronics to computer science

-"Learning by doing"

Personnal project

#### 2020: High school diploma, pass with honours Lycée La Mennais, 56800 Ploërmel, France

I'm currently developing a 3D browser game, a zombie survival game with rounds that end when all the zombies are defeated. I'm using Vue is for the frontend and Three is for the 3D graphics. The game is developing well, and one idea for further improvement is to create a multiplayer mode so that several players can enjoy it.