

AGATHE DORMOY

16/02/2003

French

I am highly interested in learning new aspects of programming. I am seeking a position where I can enhance and leverage my skills in algorithm design. I aim to contribute to the development of smart solutions across various fields.



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Class B driving licence



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Education :

Engineering School in software development

ISEN Brest

Year 4 : 2024-2025

Engineering School in environmental sciences

ISEN Brest

Year 3 : 2023-2024

Year 2 : 2022-2023

Year 1 : 2021-2022

High school diploma

Anne-Marie Javouhey High school

Specialization mathematics, Life and Earth Science, Physics and Chemistry

Hobbies :

Fantasy and dystopian book

Video games

Music

Sport

Skills overview :

✦ Technical skills :

Python, C, Java, Web development, MySQL

Video conferencing tools (Discord, Zoom, Teams)

Video editing software (Vegas Pro 16, DaVinci)

Graphic design software (FireAlpaca, Canva, Photoshop)

QGIS (GIS)

✦ Soft skills :

Curiosity, creativity, patience, perseverance

✦ Languages :

French : native speakers

English : B2 (TOIEC 895)

Spanish : conversational

✦ Project management :

Python project using the Turtle module :

Creation of an algorithm enabling a turtle to eat waste in the nearest neighbor order.

Python project :

Design and implementation of algorithms for biological sequence alignment.

C, STM32, and Electronics project :

Creation of a music player, composition and listening to music, construction of the microcontroller board.

Big Data, AI, and Web project using R :

Creation of a website for studying and predicting the tree population in the city of Saint-Quentin using a database.

Environmental project :

Invention and construction of a low-tech hydropower turbine, designed to generate electricity from the water flow of a gutter

Work experience :

✦ Summer 2022, Library Assistant :

Assistance with the management of the library and board game collections, reception, and user advice.

✦ Summer 2023, Retail assistant :

Organising merchandise and restocking depleted shelves, biscuit packaging, customer reception, cash handling, and conducting tastings.