Anissa Abansir ENGINEERING STUDENT IN COMPUTER SCIENCE

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in https://www.linkedin.com/in/anissa-abansir-779923206/   🔗 https://anissaabansir.com/

💼 PROFESSIONAL EXPERIENCE

Namr, *Backend developer intern* ⬈

Sep 2021 – Jan 2022 | Paris, France

Contribute to the improvement of technological solutions:

- Responsible for collecting data by scrapping infrastructure for their Data Library:

Analyse websites and their HTML code to create an algorithm on how to get information. Then, store data in their Data Library.

- Designing API
- Improvement of their OpenData search engine

(Python, PostgreSQL, ElasticSearch, HTML, CSS, Linux)

🎓 EDUCATION

Epita, *Master's degree in computer science engineering* ⬈

2020 – present | Paris, France

School for Computer Science and Advanced Technology with major in system and embedded software.

Lycée Jacques Amyot,

Preparatory classes (MP/MPSI)

2018 – 2020 | Melun, France

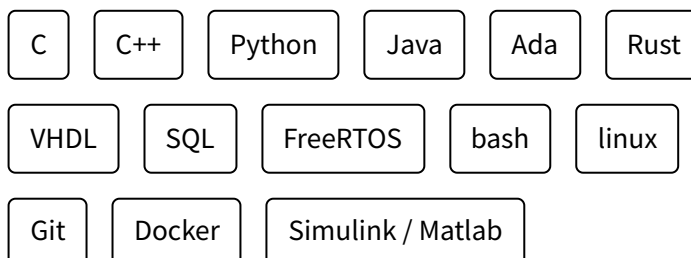Majored in Mathematics, Physics, and Science of the Industry.

🌐 LANGUAGES

French   ● ● ● ● ●

English   ● ● ● ● ●
Toeic (955)

🧠 SKILLS

C	C++	Python	Java	Ada	Rust

VHDL	SQL	FreeRTOS	bash	linux

Git	Docker	Simulink / Matlab

📂 PROJECTS

Computer Vision Project - Vision Driving,
Created self-driving car by camera
The car drives itself between red and yellow plots :

- OpenCv for image detection
- Electronic assembly (PicCam v2, motor, Arduino Uno, Raspberry Pi 3B+, ...)

Graduation Project,
Create a catamaran to scan garbage on bottom of lakes :

- Create structure down to electronic assembly.
- Esp32cam
- Yolov3 use (for image detection)

Driver for the NFC Card Reader (MFRC522 board),
C, Driver linux
Created a Linux Driver for NFC Card :

- Multiples commands
- SPI via Regmap

K, Kernel, *C, Assembly*
Created a monolithic Kernel :

- Interruption Management / Syscalls
- Memory Segmentation
- UART

42sh, *C, Shell, Cmake*
Created a shell in C :

- Lexer, Parser, Execution of AST.
- Pipe Management
- Processus Management