

Zachary GAGNOU

Software Engineer

American and French-born, currently living in NY. I love new innovative tech such as AI, space flight and electric transportation. I have recently graduated from a masters of engineering at EPF in France majoring in Data Science and look forward to working in groundbreaking innovation as an engineer.

Experience

2023

AI Software Test Engineer

Ampere Renault, Toulouse FR | 6 months

AI testing software for automatic HMI validation in Continuous Integration tools for android automotive (Car OS).

2021
2022

Junior Software Engineer

CyBe Construction, Oss NL | 1.5 Years

Development of features for a slicing software for concrete 3D printing in C#. An internship then a job in parallel of studies.

2019
2021

President of association

BDTech, Montpellier FR | 2 Years

Directing a student association with the goal of promoting and realizing various extra curricular technical projects.

2020

Assistant to carbon footprint engineer

Wiifor IOT, Toulouse FR | Summer

Assisting in carbon footprint assessment of the company and embedded software experience with IOT sensors.

2019

Database filtering

Renault Software Labs, Toulouse FR | Summer

Blue collar internship in Database filtering, Javascript experience with translation files for android automotive.

Academic projects

EPF Graduate School of Engineering

- ICT React app for AI mythbuster.
- Face mask detection with AI.
- Encrypting software for GNU/Linux in C.
- Monitoring kit with Arduino and Matlab simulation.
- Full PCB design for heating siding system.

High School

- Construction of a one manned electric car.
- Organisation of an environmental awareness week for the students of the school.

Studies

2018-
2023

EPF Graduate School of Engineering

*Masters of engineering with major in data science
Montpellier, FRANCE*

Study of Stem fields and general engineering. Main courses: Physics, Data Engineering, Numerical Optimization, NLP, CV, Predictive Modeling, Linear Algebra and Linguistics.

SoftWare Skills

C/C++ • C# • Rust

GIT • GNU/Linux

Python • Pandas • Numpy

Sklearn • Keras/TF • NLP

YOLO • OpenCV • ML5/P5

CI/CD • Docker • Kubernetes

Qualities & Skills

French - Native

English - Native

Spanish - Limited working proficiency

Dutch - Elementary proficiency

Enthusiastic Passionate

Mobile Versatile

Interests

Cinema • New Tech • Space

Exploration • Skiing •

Electronics • Pc building •

Free software

Contact

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Driver's license

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