ARMAND DU PARC LOCMARIA

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EDUCATION

Ecole Centrale d'Electronique de Paris – *Engineering School*　　　Sept 2017 – *Present*
- Algorithms and Data Structures & Graph Theory
- Maths (Calculus, Linear Algebra)
- C/C++
- Database and SQL fundamentals

INSEEC London – *Engineering School*　　　Sept 2019 – Dec 2019
Computer Vision, NLP, Java

EXPERIENCE

Machine Learning Engineer — *Sirius Insight*　　　London, UK
Sirius Insight is a startup in the maritime space.
- I built a computer vision pipeline from the ground up. The aim of the project was to detect objects on images taken by an embedded system. I set up labeling tools, trained the model and prepared it's deployment to production. The main challenge was the small size of objects to detect (<16px). The model achieves 88% average precision (0.88 AP@0.5).

Nov 2019 – Feb 2020

Front-End developer — *JEECE*　　　Paris, France
JEECE is one of the top 30 french junior enterprises. I have worked on two missions:
- I developed the front-end for a chat and sign up application using VueJS.
- I added functionalities to an admin panel. The existing code base was built on the LAMP Stack.

Sept 2018 – Present

Full-Stack developer — *Freelance*　　　Paris, France
I developed a website that allowed my client to sell betting prognostics as a subscription. I used VueJS for the front-end, Firebase for the back-end and Stripe to process payments.

Dec 2018 – Jan 2019

FRAMEWORKS, TOOLS AND LANGUAGES

ML/CV Frameworks	OpenCV, PyTorch, Darknet
Front-end Frameworks	VueJS, Flutter, TailwindCSS
Languages	Python, C/C++, HTML/CSS/JS
CAD	Fusion 360
Other tools	Git, Google Firebase, Figma

EXTRACURRICULARS

Interests	CAD and 3D Printing
Other Hobbies	Rock climbing, Running

LANGUAGES

French	Native
English	IELTS 7.5
Italian	Basic knowledge