

ARMAND DU PARC LOCMARIA

Paris, France

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armandpl.com

EDUCATION

Ecole Centrale d'Electronique de Paris – *Engineering School*

Sept 2017 – *Present*

Computer Science, Mathematics, Physics

INSEEC London – *Engineering School*

Sept 2019 – Dec 2019

Computer Vision, NLP, Java

EXPERIENCE

Machine Learning Engineer — *Sirius Insight*

London, UK/Remote

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 its 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 – Aug 2020

- I later ported the inference part of the pipeline to an embedded system.

- I built a python library to compute probable paths and ETA for cargo ships and tankers.

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 good part of a merchant website. I took care of the complex sign up application, chat, product pages and appointment scheduling.
- 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.

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 and 3D Printing	Fusion 360, Cura
Other tools	Git, Google Firebase, Figma

ACHIEVEMENTS

2019 Top 3 Product of the day on Product Hunt

2018 Ran a half marathon

2014 Launched a Minecraft mod that got 60k+ downloads and retained users for months

LANGUAGES

French	Native
English	IELTS 7.5
Italian	Basic knowledge