

MaxencePREVOST

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Education

Institut Supérieur d'Electronique et du Numérique

MASTER'S DEGREE IN COMPUTER SCIENCE AND SIGNAL PROCESSING

Lille, France

2010 – 2016

Universidade Federal de Santa Catarina

MASTER'S DEGREE IN COMPUTER SCIENCE

Santa Catarina, Brazil

2015 – 2016

Work

Fretello

MACHINE LEARNING ENGINEER

- Polyphonic music transcription

Remote

03/2020 – Present

Cloud Linux

MACHINE LEARNING ENGINEER

- Malware script classification, applying NLP to code
- Behavior analysis

Remote

07/2018 – 03/2020

MCQ Scan

COMPUTER VISION ENGINEER

- Virtual Reality project for retailers (Eram and Leroy Merlin), showcased at Paris Retail Week 2018.

Lille, France

06/2018 – 09/2018

maxpv.github.io

MACHINE LEARNING SKILLS ACQUISITION

- Interviewing machine learning experts in medical research, computer vision, NLP and freelancers
- Learning (CS231n & CS224n) and building a portfolio

Europe

02/2018 – 05/2018

TRAI Systems

COMPUTER VISION ENGINEER (R&D)

- Design and implement new computer vision techniques (C++)

Rotterdam, Netherlands

07/2017 – 01/2018

Freelance

SOFTWARE DEVELOPER (ASIDE FROM STUDIES)

- Design and maintain decision helper in the stock market area (Java)
- Aggregations, store and statistical analysis of FOREX data (Python/PostgreSQL)

Remote

10/2015 – 08/2016

Phoceis

DATA SCIENTIST INTERN

- Analysis of solutions for hosting massive amount of geolocation data (Python/Cassandra/MongoDB)
- Installation and performance analysis of MongoDB & Casandra in clustered infrastructures (C#)

Lille, France

05/2015 – 08/2015

Skills

Machine Languages: C++, Bash, Python, ML (TF, Keras), Java

Languages: French (native), English (fluent), Portuguese (intermediate), Russian (beginner, learning)

Server administration: Co-owner of a dedicated CentOS server since 2015

Favourite Projects

Fully Homomorphic Encryption Framework

IMPLEMENTATION OF CRAIG GENTRY'S THEORY OF A FULLY HOMOMORPHIC ENCRYPTION SCHEME

C++

(code shipped on demand)

Genetic Algorithm Framework

GENETICS' MAIN GOAL IS TO COMPUTE OPTIMISATION PROBLEMS VIA GENETICS ALGORITHMS

Java

github.com/maxpv/genetics