MARVIN MARTIN

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Job Objective: Software Engineer - ML

EDUCATION

Boston University – ***Boston, USA***   *Jan 2021 – Sept 2021*

Master of Science in Computer Information Systems, Data Analytics - Grade A (Spring)
Algorithm analysis, Advanced Java, Cloud Computing for ML, Data Science and Deep Learning.

Ecole Centrale d'Electronique de Paris – ***Paris, France***   *Sept 2018 – Dec 2020*

Master of Science in Computer Information Systems - Grade A (Top 5%)
DevOps, Mathematics, Machine Learning, Advanced Databases, Big Data and Management.

INSEEC London – ***London, UK***   *Jan 2019 – May 2019*

Undergraduate Degree in Computer Science, Abroad semester - Grade A
Java, Image Processing, Probability and Statistics, Blockchain and Public Speaking.

Heriot-Watt University – ***Edinburgh, UK***   *Jan 2018 – Jun 2018*

BSc Combined Studies in Computer Science, Abroad semester - Grade A
Electronics, Electric Circuits and Machines, C Language and Business Management.

Institut Supérieur d'Electronique de Paris – ***Paris, France***   *Sept 2016 – Dec 2018*

Two-year technical degree in Computer Science - Grade A
Signal Processing, Mechanics Physics, Calculus and Linear Algebra.

EXPERIENCES

Machine Learning Engineer (Freelance) — ***Centre Securité Requin***   Réunion (remote), FR

[Centre Securité Requin](#) *is a French public organization dedicated to the prevention of shark attacks.*
- Lead the development of a shark image classifier using a Deep learning approach.   *Dec 2020 – Now*
- Build a production pipeline to classify videos in real time.
- Data aggregation, transformation and storage.

Training Data Operator Intern — ***Heuritech, Delivery Team***   Paris, FR

[Heuritech](#) *builds visual recognition and trend forecasting technologies using social media images.*
- Industrialised Deep Learning solutions and developed internal automation tools.   *Apr 2020 – Aug 2020*
- Improved training datasets using Data Cleaning techniques and Active Learning.
- Trained algorithms and investigated their performances on large-scale data.

Lab Intern — ***Lectra, Innovation Lab***   Bordeaux , FR

[Lectra](#) *develops technologies that facilitate the digital transformation in the Fashion Industries.*   *May 2019 – Jun 2019*
- Worked on a Proof of Concept using Deep Learning (Generative Adversarial Network).

PROJECTS

[**Emotion Art Generator**](#)	Algorithm (DCGAN) that generates painting for a selected style and emotion.
Wave Quality Detection	Deep learning wave image classifier to guide surfers to find the best spot, the best timing.
[**Leaf**](#) **, Communication System**	Leaf is a plug-in device that creates its own parallel backup network.

SKILLS

Languages	Python, R, Spark, Java, C Language, SQL, NOSQL, JavaScript and HTML/CSS.
Frameworks and Libraries	Tensorflow, Pytorch, Keras, PySpark, OpenCV, Pandas and Numpy.
Developer Tools	Git, Docker, TravisCI, GitLab-CI, Google Cloud, AWS, HDFS, Jupyter, Weights and Biases.
Social	Leadership and Public Speaking.

CERTIFICATES

[Coursera](#)	Deep Learning Specialization by DeepLearning.AI.
[Coursera](#)	Generative Adversarial Networks (GANs) Specialization by DeepLearning.AI.

LANGUAGES

French	Fluent (Certificat Voltaire - Score: 790).
English	Fluent (IELTS - Score: 7 and TOIEC - Score: 800).
Spanish and Chinese	Basic notions (HSK1 - Score: 124).

EXTRACURRICULARS

Comedian, Stuntman	Performed in [Timéo](#) in front of 1000 people, 3 times a week as a young skateboarder (2016).
Interests	High Level Skateboarding (also instructor), Surf, Snowboard and Slackline.
Achievements	300km in 3 days with a Longboard alongside the French West Coast.