

Marc Moreaux

<https://fr.linkedin.com/pub/marc-moreaux/4b/760/98b>
mr.moreaux@gmail.com | +33.(0)6.45.74.78.18

EDUCATION

TOULOUSE UNIVERSITY III

ONGOING PHD IN ML
2019 | Toulouse, FR

AALBORG UNIVERSITY

M.SC IN MACHINE LEARNING
June 2015 | Aalborg, DK

ECE PARIS

ENG. IN COMPUTER SCIENCE
June 2014 | Paris, FR

SKILLS

EXPERTISE

Machine Learning
Deep Learning
Convolutional Neural Nets
RNNs, LSTMs, GRUs
Computer Vision
OO programming
Unix Tools and Scripting

PROGRAMMING

Over 5000 lines:
Keras • Python • C • \LaTeX
Over 1000 lines:
C++ • Shell • Matlab • Java-Android •
tensorflow
Familiar:
LUA • pytorch • vim

SPOKEN LANGUAGES

French
Mother tongue
English
3 years studying in English
Spanish
Lived 4 years in Spain

LINKS

Github:// [marc-moreaux](#)
LinkedIn:// [marc.moreaux](#)
Blogspot:// [rememberthecmd](#)

EXPERIENCE

SOFTBANK & LAAS | PHD IN HUMAN ACTION RECOGNITION

Jan 2016 – Jan 2019 | Paris & Toulouse, FR

- Experiment and implement visual weakly-supervised object and action localization from a humanoid robot with deep models.
- Experiment and implement weakly-supervised environmental sound localization from a humanoid robot with deep models.

ECE PARIS | MACHINE AND DEEP LEARNING TEACHER

Oct 2017 – Dec 2017 | Paris, FR

- Teaching a Machine Learning class to engineering students. (20h)
- Building and teaching a Deep Learning class to engineering students. (15h)

THALES COMMUNICATION | CONTINUOUS INTEGRATION DEPLOYER

May 2013 – July 2013 | Paris, FR

- Deploy a solution (Jenkins) to automate the program builds.
- Upgrade Eclipse 3.2 RCP product to Eclipse 3.7 Headless build.

ECE PARIS | C LANGUAGE ASSISTANT TEACHER

Sep 2012 – May 2013 | Paris, FR

- Assist a teacher and give class in informatics lab.
- Help student in algorithmic and in developing (2h/week)

E-SIDOR | JAVA DEVELOPER (SELF-EDUCATED)

June 2011 – Aug 2011 | Paris, FR

- Creation of an app recognizing faces on a picture. And able to place emotions on the face (smiley)
- Implementation of a daemon recognizing simple movements of the hand in front of the webcam..

RESEARCH

AALBORG UNIVERSITY | MASTER THESIS IN MACHINE INTELLIGENCE

Sep 2015 – June 2016 | Aalborg, DK

Continue research based on existing papers about adversarial-learning in Neural-Networks. Pin-point weaknesses in Neural-Nets trained on graphic datasets and propose an alternative to these.

AALBORG UNIVERSITY | STUDENT PROJECT

Jan 2013 – Jun 2013 | Aalborg, DK

Down grade transfer-learning methods applied to high-quality EEG headsets to consumer grade EEG headsets.

AWARDS AND INTEREST

- 2014 Member of BEST: organize summer courses in Aalborg
- 2013 Vice-president at JBTV : Numeric association of ECE Paris (50+ members). Photo, Video and Live streams.
- 2012 Third price in an ECE contest for developing a hand motion recognition with webcam (C, OpenCV).