Marc Moreaux

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EDUCATION

AALBORG UNIVERSITY
M.sc in Machine learning
Expected Jun 2015 | Aalborg, DK

ECE PARIS
Eng. in Computer Science
June 2014 | Paris, FR

COURSEWORK

GRADUATE
Deep Learning
Advanced Machine Learning
Advanced Algorithms
Advanced Programming
Web Engineering
Operating systems
Unix Tools and Scripting

UNDERGRADUATE
Introduction to Machine Learning
Introduction to Algorithms
Functional Programming
OO programming
Linear Algebra
Statiscitcs

SKILLS

PROGRAMMING
Over 5000 lines:
C • Java • Python • LaTeX
Over 1000 lines:
C++ • Matlab • PHP • CSS • Android
Familiar:
VHDL • LUA • MySQL • Shell

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

LINKS

Github:// **marc-moreaux**
LinkedIn:// **marc.moreaux**
Blogspot:// **rememberthecmd**

EXPERIENCE

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)

SEABIRD | Web developer (self-educated)
May 2012 – July 2012 | Paris, FR
- Development of their web site in relation with a web designer.
  http://www.seabird-consultants.fr/
- Implementation of a web-interface used to register potential employees in a database.

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 many small games. ex : find the differences, put color on elements...
- 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 – Present | 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).