

Belhal Karimi

"ALL DIFFERENT, ALL EQUAL"

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Education

Ecole Polytechnique, CMAP

PHD IN MACHINE LEARNING

Paris, France

Oct. 2016 - Present

- Optimisation and Acceleration of training algorithms for large datasets
- Under the supervision of Eric Moulines and Marc Lavielle

MINES ParisTech, PSL

MASTER OF SCIENCE

Paris, FR

Sep. 2015 - June 2016

- Main courses: Medical Scans Processing, Computer vision, Optimization, Brain and Cognitive Sciences and Machine Learning

CentraleSupélec, Supélec track

ENG. DEGREE

Paris, France

Sep. 2011 - June 2015

- 2nd year at ESCP Europe: Master in Management. London Campus
- 3rd year at Telecom ParisTech, Master IREN: Economics and Innovation

Skills

Programming Languages Python (TF, Keras, Scikit-Learn), R (Package saemix), Stan, Matlab, SQL, LaTeX, Django, Javascript, HTML5, CSS
French, English, Spanish, Persian

Experience

Freelance consultant

DEEP LEARNING CONSULTANT

Paris, FR

Sept. 2017 - Present

- Popsy (classifieds): Category and Price prediction based on listing images (using a multi-output multi-class VGGNet)
- OuiCar (P2P car sharing): Damages detection on car pictures (using a R-CNN)

Bill & Melinda Gates Foundation

DATA SCIENTIST

Boston, USA

Feb. 2016 - Apr. 2016

- Applying Bayesian Statistics to enable domain experts that lack statistical expertise to perform qualitative model checking and encode simple forms of qualitative prior knowledge

Massachusetts Institute of Technology, MIT

RESEARCH SCIENTIST

Boston, USA

Jan. 2016 - Jul. 2016

- Machine Learning research, Brain and Cognitive Sciences department, ProbComp Lab. Working on MCMC methods and diagnostic tools. Under the supervision of Vikash Mansinghka.

Avolta Partners

M&A ANALYST

Paris, FR

Mar. 2015 - Sep. 2015

- Writing of Information Memorandum and Business Plan for high-tech startups (A and B series)
- Analysis on fundraising data in France (Time-to-next series, average first series amount)

Rocket Internet

GLOBAL VENTURE DEVELOPER

Paris, FR

Feb. 2014 - Aug. 2014

- Launching Lamudi/Carmudi in 20+ African countries
- Expansion team, helping Business Intelligence team with performance reports

Extracurricular Activity

Entrepreneurship Agora: Detecting flaws at scale on images. <http://get-agora.com/>

Sports Surf, Skateboard, Basket-ball, Soccer

Fun Fashion (needlepoint), Piano, Reading (Sociology)