Belhal **Karimi**

"All different, all equal"

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Education

Ecole Polytechnique, CMAP
Paris, France

Phd in Machine Learning
Oct. 2016 - Present

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

Massachusetts Institute of Technology, MIT
Boston, USA

Visiting Student
Jan. 2016 - Sept 2016

- Online methods in machine learning, Bayesian modeling and inferences
- Under the supervision of Vikash Mansinghka

CentraleSupelec, Supelec track
Paris, France

Eng. degree
Sep. 2011 - June 2015

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

Skills

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

Experience

Freelance consultant
Paris, FR

Deep Learning consultant
Sept. 2017 - Present

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

Bill & Melinda Gates Foundation
Boston, USA

Data scientist
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

Avolta Partners
Paris, FR

M&A analyst
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, etc.)

Rocket Internet
Paris, FR

Global venture developer
Feb. 2014 - Aug. 2014

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

eKomi - the Feedback Company
Berlin, DE

Business Intelligence
Jul. 2013 - Feb. 2014

- Business Intelligence (metrics by country, season, segment)
- Improvement of internal processes (Sales planning, Workflow, Business and Market Intelligence)

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)