Amal Rannen Triki	**PhD student**
Kasteelpark Arenberg 10 (box 2441) 3001 Leuven, Belgium Phone: (+33) 6.60.79.91.08 Webpage: **amal.rannen.triki.me** E-mail: **arannen@esat.kuleuven.be** **amal.rannen@yonsei.ac.kr** Nationality: Tunisian	**KU Leuven – ESAT – PSI** **Yonsei University - CSE**

Looking for:	Internship – I am mainly interested in machine learning theory for Deep Neural Networks (DNNs) and DNNs health related applications.	
Current status:	Joint PhD student in KU Leuven (Belgium), department of Electrical Engineering (ESAT), Center for Processing Speech and Images (PSI) and Yonsei University (South Korea), department of Computational Science and Engineering (CSE) *Advisor: Matthew B. Blaschko*	
Education:	*2014-Now:*	PhD student – The title of my doctoral work is: "Deep Neural Network for Medical Image Analysis: Theory and Application". My research is concentrated on improving DNNs behavior in small sample regime.
	2010-2014:	Supélec (France) – Master's of Science in Engineering – Major in interactive systems and robotics (Signal and image processing, machine learning and robotics) + Master's of Science in fundamental and applied mathematics, graduated with honors ("mention bien"). Supélec is one of the most selective universities in France and only admits 300 students a years after a national examination.
	2008-2010:	Preparatory classes (France) – Fundamental mathematics and physics courses, preparation for the French national engineering school entrance competition.
Publications:	Encoder Based Lifelong Learning - Amal Rannen Triki, Rahaf Aljundi, Mathew B. Blaschko and Tinne Tuytelaars, ICCV 2017 Stochastic Function Norm Regularization of DNNs - Amal Rannen Triki and Matthew B. Blaschko, OPT2016: Optimization for Machine Learning workshop – NIPS 2016	
Awards:	Tunisian National Excellence Scholarship – Among 20 first candidates nationally for the Baccalaureate exam. Finalist for the Qualcomm Innovation Fellowship – Europe – 2016	
Skills:	*Languages:*	French – Arabic: Bilingual English: Fluent in speaking, excellent in reading and writing (TOEFL: 103)
	Programming:	MATLAB, C/C++, Python
Main experiences:	*Mar-Aug 2014* *South Korea* *Yonsei University*	**Researcher** - I worked on designing an automatic method to detect the presence of cancer cells in breast tissue using images acquired by optical coherence tomography. I used methods from computer vision and machine learning.
	Mar-Aug 2013 *France* *HSBC*	**Structural Interest Rate Risk expert assistant**, in Asset and Liability Management – I was responsible of conducting an annual study to review the efficiency of the models used by HSBC France ALM team to hedge their different products presenting a rate risk and to model the behavior of the macro cash flow hedge underlying items and derivatives.
	Oct 2012-Feb 2013 *France* *KPMG*	**Junior Auditor** – I was responsible of auditing interest rates, foreign exchange and investment derivatives for a leading airline company and designing PowerPoint's presentations for internal use and to reply to advisory tenders.
Other interests:	*Associations:*	I have been involved, often in leadership positions (President/Vice-president) in many associations in the different countries where I lived including charity work, women association, university promotion and student activities.
	Others:	Scuba diving, Travel, Photography