

Fabien Baradel

Ph.D. Candidate, INSA-Lyon
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Research Interests

Machine Learning, Deep Learning, Computer Vision, Reinforcement Learning

Education

- | | | |
|---|------------------|----------------------------|
| INSA-Lyon | Lyon, France | October 2016 - Present |
| Ph.D., Computer Science | | |
| – Thesis: <i>Deep Learning for Human Understanding: poses, gestures, activities</i> | | |
| – Supervisors: Christian Wolf - Julien Mille | | |
| ENSAI | Rennes, France | September 2013 - June 2016 |
| M.Sc, Statistics & Computer Science | | |
| – Suma Cum Laude (top of class) - High Honors | | |
| – "Diplôme d'ingénieur" from the National School of Statistics and Data Analysis | | |
| – Top French engineering school in Data Science | | |
| University of Warwick | Conventry, UK | January 2015 - June 2015 |
| M.Sc, Statistics | | |
| – Erasmus Mundus semester exchange | | |
| University of Paris Dauphine | Paris, France | January 2015 - June 2015 |
| B.Sc, Applied Economics | | |
| – Double agreement with ENSAI | | |
| University of Grenoble Alps | Grenoble, France | September 2010 - June 2013 |
| B.Sc, Applied Mathematics | | |
| – Suma Cum Laude (top of class) - High Honors | | |

Work Experience

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|---|------------------|-----------------------------|
| LIRIS | Lyon, France | October 2016 - Present |
| Graduate Research Assistant | | |
| – <i>Lyon computer science lab</i> | | |
| – Research on computer vision and machine learning with a focus on human activity recognition, multi-modality fusion, video understanding | | |
| – Involved in robotic projects | | |
| – Advisor: Christian Wolf | | |
| XRCE | Grenoble, France | March 2016 - September 2016 |
| Research Intern | | |
| – <i>Xerox Research Centre Europe</i> | | |
| – Subject: <i>Unsupervised domain adaptation for image recognition</i> | | |
| – Two papers under review & one U.S. Patent accepted | | |
| – Advisors: Boris Chidlovski - Gabriela Csurka | | |

LICIT - IFSTTAR

Lyon, France

June 2015 - August 2015

Research Intern

- Subject: *Machine Learning for road traffic forecasting*
- Advisor: Romain Billot

Teaching Experience

ENSAI

Rennes, France

January 2017

Teaching Assistant

- Seminars: *Introduction to Deep Learning with Tensorflow*

Awards and Honors

ANR/NSERC Ph.D. Fellowship - DeepVision project

Erasmus Mundus exchange program scholarship

Computer Skills

Python, Java, C, C++, SQL, PHP, R, SAS

Tensorflow, Torch, L^AT_EX, Linux, Mac, HTML, CSS