Amélie Royer

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Date of Birth : 09–26–1993

Education

2014–today	**Research-oriented Master in Computer Science, 2nd year (continuation)**.
2013–2014	**Research-oriented Master in Computer Science, 1st year, with first class honours**, *University of Rennes 1*, Rennes, France. In conjunction with studies at École Normale Supérieure de Rennes (ENS Rennes).
2012–2013	**Bachelor of Computer Science with first class honours and Bachelor of Mathematics with honours**, *University of Rennes 1*, Rennes, France. Double degree in Mathematics and Computer Science, in conjunction with studies at ENS Rennes.
2010–2012	**Post-secondary preparatory classes**, *Lycée Georges Clémenceau*, Reims, France, *MPSI-MP**, *Main subjects :* Mathematics and Physics. "Classes préparatoires aux grandes écoles", a 2-year preparation for national competitive entrance exams leading to french "Grandes écoles".
2008-2010	**French Baccalauréat in Science (High School diploma equivalent) with first class honours**, *Lycée Jean Jaurès*, Reims, France, *Main subjects :* Mathematics and Physics. Obtained the French-German AbiBac: AbiBac is a german intensive course which delivers the Abitur (german High School diploma equivalent) in addition to the french Baccalauréat.

Experience

2014	**Intern (3 months)**, *Institute of Sciences and Technology (IST) Austria*, Vienna, Austria. <u>Subject</u> : Learning a prior for lifelong visual object categorization. The topic of the internship was to develop a system for automatically learning realistic prior distributions over object classes. We then applied it to the problem of classification, in the context of object hierarchies such as the ImageNet database. (Material(s): Python).
2013	**Intern (2 months)**, *Inria Bretagne Loire Atlantique*, Rennes, France. <u>Subject</u> : Event Retrieval in large video databases. Research internship whose goal was to compare different event retrieval methods based on a signal processing approach. In addition, we investigate a new method taking advantage of properties of high-dimensional vectors. (Material(s): Matlab, C language).

Languages

French	**Mother Language**	
German	**Advanced**	*European **B1** 2008, Zentrale MittelstufenPrüfung (**ZMP**) 2010*
English	**Advanced**	*Cambridge First (**FCE**) 2010, **TOEIC** (990/990) 2013*

Computer skills

Programming	C++, C, Java, OCaml, Matlab, Qt, Python		
Software	Microsoft Office, Latex, The Gimp	Others	Linux, Windows, SVN, Git

Interests

Arts	Traditional drawing as well as various digital arts
Reading	Interest in fantasy, criminal and historical novels