Rémy Sun

Student at ENS Rennes and ENS Paris-Saclay

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Cursus

2018–present	**Second year of Master's degree in Mathematics, Computer vision and Statistical learning**, *Ecole Normale Supérieure de Paris-Saclay*, Cachan, Formation in Mathematics, Computer vision and Statistical learning.
2017	**Exchange student at Ecole Polytechnique Fédérale de Lausanne (Second semester)**.
2016–2017	**First year of Master's degree**, *Ecole Normale Supérieure de Rennes - Université Rennes 1*, Rennes. Formation in theoretical and applied computer science.
2015–2016	**Bachelor's degree**, *Ecole Normale Supérieure de Rennes - Université Rennes 1*, Rennes. Formation in theoretical and applied computer science.
2012–2015	**"Classe Préparatoire aux Grandes Ecoles" MPSI/MP*/MP***, *Lycée Marcelin Berthelot*, Saint-Maur-des-Fosses. Scientific preparation to the competitive entrance exam of french "Grandes écoles" in mathematics, physics and computer science.
2012	**"Baccalauréat S option SVT spécialité mathématiques"**, *Lycée Marcelin Berthelot*, Saint-Maur-des-Fosses, "Very good" mention. End of french secondary cycle studies diploma.

Professional experience

2018	**Internship: Causal analysis of generative neural networks**, *Empirical inference department - Max-Planck Institut for Intelligent Systems*, Tuebingen. 5.5 months internship on the Independence of Cause and Mechanism postulate in generative neural networks under the supervision of Michel Besserve
2017	**Internship: Detecting domain shifts from classifier outputs**, *Computer vision and machine learning group - Institute for Science and Technology (IST) Austria*, Klosterneuberg. 3 months internship on detecting domain shifts impacting classifier performance under the supervision of Christoph Lampert
2016	**Internship: Deep learning and acquiring meaningful latent representations of peptidic sequences**, *Dyliss project - IRISA*, Rennes. 8 weeks exploratory internship on deep learning and peptidic sequences under the supervision of François Coste

Publications

2018	**KS(conf): A Light-Weight Test if a ConvNet Operates Outside of Its Specifications**, *German Conference on Pattern Recognition (GCPR), October 2018*, Rémy Sun, Christoph Lampert, Oral presentation.
2018	**Intrinsic disentanglement: an invariance view for deep generative models**, *Workshop on Theoretical Foundations and Applications of Deep Generative Models at ICML, July 2018*, Michel Besserve, Rémy Sun and Bernhard Schoelkopf.

Computer science competencies

Languages	(O)Caml, Python, Scala, C/C++, HTML/CSS
Machine learning	Theano, Keras, Tensorflow, Scikit-learn, Pytorch
Utility	Maple, Matlab

Office	LaTeX, MS Office

Languages

French	Native speaker
English	Advanced (C1 level, TOEIC L&R: 980/990)
Chinese (Mandarin)	Highschool level
German	Highschool level

Distinction

Academic	10th at the academic olympiades of "Académie of Créteil". (mathematics)

Interests

Litterature	Poetry, novels and litterature in general. Particular interest in Camus and writing.
Instruments	Piano
Sports	Climbing, Tennis

Miscellaneous

Transport	Driver's license "catégorie B"