

Arthur Pajot

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Education

ENS, Rennes, France

Master and Magistere of Computer Science

2014–2015

- Project on gesture recognition using sparse representation. Using a sparse dictionary, the objective is to classify a gesture, given his representation and some spatial invariant. Under the supervision of Ferran Arguelaguet.
- Summer Internship at Osaka University. The objective is to develop an online algorithm, to efficiently optimize convex extension of submodular regularization function. Under the supervision of Takashi Washio and Yoshinobu Kawahara.

UPMC, Paris, France

Bachelor of Mathematics, with Honors

2012–2014

Bi-disciplinary selective programme on mathematics and computer science (PIMA).

- Summer school at Brown University.
- Project : Inpainting with Neural Networks. Using auto-encoder, tried to encode part of images, in order to infer missing region, given some cohesion rules. Under the supervision of Ludovic Denoyer.

EPFL, Lausanne, Switzerland

First year of Mathematics

2010–2012

Mathematics, Physics, Computer Science

Experience

UPMC

Internship

Summer 2014

Internship in the statistic department (LSTA) at UPMC, under the supervision of Gerard Biau and Yvon Maday. The aim of the internship was to help the researchers to propose their scientific expertise to Kila-System, a firm dedicated to predict media-user comporment. I focused more particularly on Random Forest, some of their property, and their implementation under the map-reduce paradigm.

Languages

French: Native

English: Fluent

level : CLES B2

Russian: Basic

Computer skills

High Level: Python, R, Java

Medium Level: Matlab, Scala, C/C++, Lua

Basic: Hadoop, CUDA,