



Lucas Pluinage

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🌀 TheLortex

A 21 years old french computer science enthusiast

PERSONAL EXPERIENCES

Fall 2017

IA² - Fall school in artificial intelligence

INSA Lyon / A week of lectures about artificial intelligence and game theory (see ia2.gdria.fr)

June 2017 – August 2017

Internship in computer vision

CVLab - EPFL (École Polytechnique Fédérale de Lausanne)
Research program on mean-field inference and machine learning
(see the *report*)

March 2017 – May 2017

Operating system development

School project: a small Raspberry Pi OS featuring a preemptive macro-kernel, a shell, processes, virtual memory, signals, ext2 filesystem, Linux-like mounting point system, and a graphical mode

2011 – 2017

Programming contests

- On site events: Prologin (1st, 2014) / Speed Data Scientist (2nd, 2017) / Coding All Star (1st in the Python team, 2017)
- Online events: Google Code Jam / Facebook Hacker Cup / BattleDev

2013 – 2015

C'Space event

- The national rockets launch campaign, organised by the CNES
- Worked on several high-altitude balloons launched during the event. I was in charge of the telemetry software. (2013 – 2014)
 - Participation as a volunteer (2015)

2014

Development of a mini-game

Simple project to learn Android programming
Published on the Google Play Store / Hit 200.000 downloads

SKILLS

Languages Native French / Fluent in English / Some basics in Spanish and Swedish

Languages Native Python / Fluent in C++ / Worked with Java and OCaml
Javascript / HTML / CSS for Web applications

Computer science Language theory / Graph theory / General purpose algorithmic
System programming / Low-level programming / Computer architecture
Probabilistic graphical models / Practical machine learning / TensorFlow
Every day usage of Git tool and Linux environment

Interests Robotics / Perception / Cognitive science
Movie realization and editing
Improvisational theatre

EDUCATION

- 2017 – present **M.Sc. in computer science**
École Normale Supérieure, Paris
- 2016 – 2017 **B.Sc. in computer science**
École Normale Supérieure, Paris
- With highest honors
 - Also attended courses from the cognitive science department
- 2014 – 2016 **Undergraduate program**
Lycée Louis-le-Grand, Paris
- Preparation to the national competitive admission to the "Grandes Écoles", including the ÉNS
 - Intensive program in maths, physics and computer science
- 2014 **Baccalauréat - French high school degree**
Lycée Louis Armand, Eaubonne (95)
- Scientific section
 - With highest honors