

Alexis Bergès - Curriculum Vitae

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Nationality : French

Date of Birth : 3rd of October 1987

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Work Experience

WattStrat : CTO and founder. www.wattstrat.com Startup specialized in territorial energy simulation. Web platform giving simple access to data, graphs, and the possibility for a user to configure and launch an energy simulation Clients : ADEME, DGEC, CA Saclay, consulting firms. Main occupation : programming the simulation engine, data science, modelling.	2016+
Chinese University of Hong Kong : Visiting scholar in Pr. Lei Xu's group of soft matter physics. Gelation dynamics in multiphasic systems.	Jan-Mar 2010
Startup project : High altitude wind energy. Finalist of the Petit Poucet award.	Jul 09-Jul 10
AXA France : Internship in the actuarial department. Prudential risks assessment.	Jun-Aug 2009
Harvard University : Visiting scholar in Pr. David A. Weitz' group of soft matter physics. I studied drying dynamics, this work was published : Drying of Complex Suspensions, Phys. Rev. Lett. 104, 128303 (2010). Speaker at the 34 th NECF conference (soundbite).	Jan-Mar 2009 Feb-Aug 2008
Teaching : I prepared the five best 12 th graders of the school to a national competition amongst all French high schools.	Apr-Mar 2007

Education

Paris School of Economics : PhD candidate. Inertia and supply function equilibria on the electricity markets. PhD defense taking place on the 19th of June 2018	Sept 2012+
École Normale Supérieure of Paris : Masters degree, honors : analysis and public policy. Masters degree, high honors : major in physics, minor in public policies. B.Sc. in physics.	2006-2012
Classes préparatoires : Mathematics, physics and chemistry, corresponding approximately to a two-year university diploma in those three disciplines.	2004-2006
EABJM : Highschool baccalauréat, honors. Proficiency diploma of Cambridge.	1989-2004

Languages and other skills

French : Mother tongue. **English** : Fluently spoken and written.
Programming : Python
Back-end developer, data science, web crawlers, solutions to differential equations, optimisation
Other : Mathematica, Matlab, Freefem++, Latex.

Extracurricular Activities

Foundry : Small bronze objects and reproductions of small statues.	2016+
Trekking : The Himalayas, Scotland, Norway and the Alps for now, but more to come.	2010+
Co-founder of Les Ernest : periodically, twenty intellectuals and researchers are invited in front of a public 250 and in front of a professional filming team. After six shootings and a collaboration with Le Monde, one of the most respected French newspapers, 75 videos have been put online, cumulating more than 1.2M views.	2009-2012
Debating : member of the ENS debate team, winner of the French Debating Tournament (courses and tournament in English).	2007