

Xuedong Shang

Curriculum Vitae

Education

- 2017– **PhD in Computer Science**, *Inria*, Lille, France.
Machine learning, multi-armed bandits, reinforcement learning
- 2015–2017 **Master of Computer Science**, *École normale supérieure de Cachan*, Rennes, France.
- 2014–2015 **Bachelor of Computer Science**, *École normale supérieure de Cachan*, Rennes, France.
- 2012–2013 **Bachelor of Mathematics**, *Université Pierre et Marie Curie (Paris VI)*, Paris, France.
- 2008–2011 **Mathematical Preparatory Class**, *Lycée Henri Poincaré*, Nancy, France.
Post-secondary preparatory classes preparing for highly selective entrance examinations to the French Grandes Ecoles, including intense courses on mathematics, physics, chemistry, computer science and philosophy

Experience

Vocational

- October **PhD Candidate**, *SequeL, Inria Lille-Nord Europe*, Lille, France.
- 2017– Adaptive Methods for Optimization in Stochastic Environments, under the supervision of Emilie Kaufmann & Michal Valko
- February **Research Internship**, *SequeL, Inria Lille-Nord Europe*, Lille, France.
- 2017–July Hierarchical Bandits for "Black Box" Optimisation and The Monte-Carlo Tree Search, under the supervision of Emilie Kaufmann & Michal Valko
- 2017
- May **Research Internship**, *Yamamoto-Cuturi Lab., Graduate School of Informatics*,
- 2016–July *Kyoto University*, Kyoto, Japan.
- 2016 Optimal Transport Geometry for Machine Learning Problems, under the supervision of Marco Cuturi
- September **Research Project**, *COSTEL, LETG Rennes*, Rennes, France.
- 2015–May Time Series Clustering, under the supervision of Thomas Corpetti & Romain Tavenard
- 2016
- May **Research Internship**, *Magnet, Inria Lille-Nord Europe*, Lille, France.
- 2015–July Recommender System, under the supervision of Marc Tommasi
- 2015
- June **Research Internship**, *CNRS Vérimag*, Grenoble, France.
- 2012–July On the Generation of Positivstellensatz Witnesses in Degenerate Cases, under the supervision of David Monniaux
- 2012

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🌐 xuedong.github.io

Others

- July 2013–August 2013 **Summer Internship**, *Corporate Banking Department, Industrial and Commercial Bank of China*, Shanghai, China.
- August 2012 **Summer Internship**, *International Business Department, Agricultural Bank of China*, Shanghai, China.

Computer skills

Programming languages	C, C++, C#, Objective-C, Swift, Java, Python, Julia, Ruby, R, OCaml, Scala, Haskell, Elixir, Clojure, Rust, Golang, Bash	Web	HTML5/CSS3, Bootstrap, jQuery, JSON/Ajax, JavaScript, Sass, React, D3, Node.js, MongoDB
Operating systems	Linux, Windows, Mac OS	Numerical	Maple, Matlab/Octave
Other	L ^A T _E X, Git, SVN, Vim, Emacs, Jupyter Notebook		

Languages

English	Full Professional Proficiency	TOEIC 925
French	Native/Bilingual Proficiency	
Chinese Mandarin	Mother Tongue	
Chinese Shanghainese	Mother Tongue	
Japanese	Limited Working Proficiency	

Interests

Academic	Maths, Finance, Neuroscience, e-Education
Sports	Football, Basketball, Ski, Cycling, Bouldering
Arts	Piano

Extra

Eduinfinity Translation Group	Team leader on computer science courses	<i>A chinese translation group providing chinese subtitles for courses on Coursera.org, edX.org, etc</i>
Wikipedia	Wikipedian in English, French, Chinese and Japanese	

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