

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

Publications

Conference Papers

Journal Papers

Workshop Papers

- EWRL 2018 **Adaptive black-box optimization got easier: HCT only needs local smoothness**, in European Workshop on Reinforcement Learning.
Xuedong Shang, Emilie Kaufmann and Michal Valko

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
- 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

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🌐 xuedong.github.io

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
 2012 supervision of David Monniaux

Others

July **Summer Internship**, *Corporate Banking Department, Industrial and Commercial*
 2013–August *Bank of China*, Shanghai, China.
 2013
 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		

Services

NIPS 2017, External Reviewer.
ICML 2018, External Reviewer.

Languages

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

Interests

Academic Maths, Finance, Neuroscience, e-Education

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Sports Football, Basketball, Ski, Cycling, Bouldering
Arts Piano

Extra

Eduinfinity Team leader on computer science courses *A translation group providing chinese subtitles for courses on Coursera.org, edX.org, etc*

Wikipedia Wikipedian in English, French, Chinese and Japanese

UCECL Department of publicity *Union of Chinese student and researcher in Lille*

Unef Foreign student candidate at ENS *National union of students of France*

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