

# Xuedong Shang

## Curriculum Vitae

### Education

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

#### Other

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🌐 xuedong.github.io

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#, Java, Python, OCaml, Scala, Haskell, R	Web	HTML/CSS, PHP, MySQL
Operating systems	Linux, Windows, Mac OS	Numerical	Maple, Matlab/Octave
Other	L <sup>A</sup> T <sub>E</sub> X, Git, SVN		

## Languages

English	Fluent	TOEIC 925
French	Native Speaker	
Chinese Mandarin	Mother tongue	
Chinese Shanghaiese	Mother tongue	
Japanese	Intermediate level	

## Interests

Academic	Maths, finance, neuroscience, e-education
Sports	Football, basketball, ski, cycling
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>
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