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 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

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#, Java, Python, Julia, OCaml, R, Ruby, Scala, Haskell, 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	LaTeX, Git, SVN, Vim, Emacs		

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	*A chinese translation group providing chinese subtitles for courses on Coursera.org, edX.org, etc*
Wikipedia	Wikipedian in English, French, Chinese and Japanese	