



# Benoit BAZARD

Engineer in machine learning and data analysis

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Available April 2018  
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## FORMATION

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- 08/2016 - 06/2017 **Asian Institute of Technology (Bangkok - Thailand)**  
Dual degree with Telecom SudParis (Master of Computer Science)
- 09/2014 - 06/2017 **Telecom SudParis (Évry - France)**  
General engineering degree  
Specialty in statistics
- 09/2011 - 06/2014 **Lycée Chevroliier (Angers - France)**  
Classe préparatoire aux grandes écoles (filière PT)
- 09/2008 - 06/2011 **Lycée David d'Angers (Angers - France)**  
Baccalauréat S option Mathematics

## WORK EXPERIENCE

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- 08/2017 - 02/2018 **Internship at Dassault Aviation (a major player to aeronautics)**  
Image analysis using machine learning
- 06/2015 - 09/2015 **Internship at Outscale (Cloud Provider)**  
Writing of a whitebook on Cloud and Big Data  
Setting up of Hadoop (MapR) in the cloud  
Deployment of virtual machines with Docker, Vagrant, VirtualBox
- 08/2016 - 06/2017 **Master's thesis on deep learning**  
"Identifying license plate character segmentation boundaries using convolutional neural networks"
- 09/2014 - 06/2017 **Major Projects**  
Thesis on deep learning ([draft](#))  
Chess engine ([chessaint](#))  
Phase-contrast microscopy ([fourierscope](#))  
Video game ([INTouhou](#))

## LANGUAGES

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FRENCH Mother tongue  
ENGLISH Fluent - TOEFL 97 TOEIC 955

## COMPUTER SKILLS

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LANGUAGES	C, Python, C++
DATA SCIENTIST	Caffe (Deep Learning Framework), SciPy Stack (numpy, pandas, matplotlib), Matlab
DEVOPS	Linux, Git, Docker, Vagrant, Jenkins, Valgrind, Google Test
DOCUMENTATION	L <sup>A</sup> T <sub>E</sub> X, Doxygen

## INTERESTS AND ACTIVITIES

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MUSIC	Flute (12 years), Guitar and Piano (5 years)
SPORTS	Yoga (2 years)
ASSOCIATIVE	President of the choir at Telecom SudParis