

# Warith Harchaoui

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*Theory (Ph.D. candidate in Statistics)*  
*Practice (Data Scientist)*

## Work Experience

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### Oscaro.com

Data Scientist

Paris

2014 - Today

Machine Learning systems into production for internet advertisement channels attribution, credit card anti-fraud, supply chain forecasts and also qualitative and quantitative data analyses

## Education

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### Université Paris Descartes

Ph.D in Statistics

Paris

2016 - (2020)

Large-Scale Clustering, Grammatical Text Representation and Prediction Uncertainty with Neural Networks  
Supervised by Pr. Charles Bouveyron

### École Normale Supérieure de Cachan

M.Sc. in Mathematics, Computer Vision and Statistical Learning, MVA

Cachan, near Paris

2007 - 2008

French top 5 research university. With honors

### Supélec

"Grande école d'ingénieurs" in EECS

Gif-sur-Yvette, near Paris

2004 - 2010

French top 5 engineering school. Without diploma for health reasons

### Stanislas

"Classe préparatoire" in Mathematics and Physics

Paris

2002 - 2004

French top 10 post-secondary education system in sciences

## Skills

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### Languages

English (fluent), French (native)

### Programming Languages

Python (PyTorch, TensorFlow, Scikit-learn), Java, Matlab, C/C++ (OpenCV)

### Computer Sciences

Machine Learning, Computer Vision, Natural Language Processing, Signal Processing and Numerical Optimization

## Leisures

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### Lyrical Singing

9 years of practice

### Acting

Successfully passed the intensive pre-school exam of Cours Florent in Paris