

PhD student until october 2020

Robin VOGEL

## PERSONAL DATA

AGE: 26 years old.  
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## WORK EXPERIENCE

06/2017-Now	Industrial PhD student (CIFRE) at IDEMIA <i>Courbevoie, France</i> Worked on improving facial recognition systems.
01-06/2017	Research engineer at SAFRAN IDENTITY AND SECURITY <i>Issy-les-Moulineaux, France</i> Worked on deep learning models for face encoding.
05-11/2016	Research intern at TÉLÉCOM PARISTECH <i>Paris, France</i> Studied statistical ranking and similarity learning algorithms.
06-10/2015	Junior Consultant/Data scientist at ELEVEN STRATEGY & MANAGEMENT <i>Paris, France</i> Worked on data visualization and data analysis tasks.
06-08/2014	Statistician at COYOTE SYSTEM <i>Suresnes, France</i> Research and statistical analyses to create new services with the data.

## EDUCATION

2016-Now	<b>PhD student, Télécom ParisTech</b> Industrial collaboration with the biometrics company IDEMIA. Supervisors: Stéphan Cléménçon, Aurélien Bellet and Anne Sabourin.
2015-2016	<b>Master's Degree (M2 Data Sciences), Ecole Polytechnique</b> Double degree with a focus on applied Data Science. Machine learning theory, advanced optimization, distributed computing, etc.
2013-2016	<b>Engineer's Degree, ENSAE Paristech</b> Specialty Data Science and Machine Learning. Measure theory, probability theory, computational and theoretical statistics, etc.
2011-2013	<b>MPSI-MP, Lycée du Parc</b> <i>Classe préparatoire aux grandes écoles.</i> Two-year intensive program in mathematics, physics and computer science.

## PUBLICATIONS

AISTATS 2020	<i>A Multiclass Classification Approach to Label Ranking.</i> <b>R. Vogel</b> , S. Cléménçon.
ESANN 2020	<i>Weighted ERM: Transfer Learning based on Importance Sampling.</i> <b>R. Vogel</b> , M. Achab, S. Cléménçon, C. Tiller.
ECML 2019	<i>Trade-offs in Large-Scale Distributed Tuplewise Estimation and Learning.</i> <b>R. Vogel</b> , A. Bellet, S. Cléménçon, O. Jelassi and G. Papa.
LOD 2019	<i>On Tree-based Methods for Similarity Learning.</i> S. Cléménçon and <b>R. Vogel</b> .
ICML 2018	<i>A Probabilistic Theory of Supervised Similarity Learning for Pointwise ROC Curve Optimization.</i> <b>R. Vogel</b> , A. Bellet and S. Cléménçon.

## COMPUTER SKILLS, LANGUAGES & INTERESTS

**IT skills:** Experienced: Python, TensorFlow, Linux, Microsoft Office. | Beginner: C/C++.

**Languages:** FRENCH: Native | ENGLISH: Fluent (TOEIC 975/990) | SPANISH: Conversational

**Interests:** Exercise, travelling and drawing.