

Robin VOGEL
PhD student until October 2020

PERSONAL DATA

AGE: 26 years old.
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WORK EXPERIENCE

2017-06/2020 Paris, France	IDEMIA, Research Engineer/PhD Student (CIFRE) Leading firm in biometric identification systems. Developed techniques to improve facial recognition systems, supervised an intern.
06-10/2015 Paris, France	Eleven Strategy, Junior Consultant/Data Scientist Strategy firm specialized on digital and data-driven transformations. Performed data visualization and data analysis tasks for the firm's consultancy.
06-08/2014 Paris, France	Coyote System, Research Engineer Young french tech company that provides radar warning systems. Developed statistical analyses to advance a new R&D project.

EDUCATION

2016-NOW Paris, France	Télécom Paris, PhD Student Top engineering school in information technology. University-industry collaboration (CIFRE), supervised by Stephan Cléménçon.
2015-2016 Paris, France	École Polytechnique, Master's Degree (M2 Data Sciences) Master program in the first engineering school in France. Machine learning theory and practice, advanced optimization, distributed computing.
2013-2016 Paris, France	ENSAE Paris, Engineer's Degree Top engineering school in statistics and machine learning. Measure theory, probability theory, computational and theoretical statistics.
2011-2013 Lyon, France	Lycée du Parc, Classe Préparatoire MPSI-MP Intensive preparatory course for top engineering schools. Two-year program in fundamental mathematics, physics and computer science.

RESEARCH PUBLICATIONS

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

Interests: Exercise, travelling and drawing.