

Konstantinos Skianis

Founder @BLUAI, Researcher @École Polytechnique
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AREAS	Natural Language Processing, Machine Learning, Deep Learning, Data Science	
PROFESSIONAL EXPERIENCE	Founder, BLUAI Offering AI, NLP, ML expertise and solutions for businesses	June, 2020 - present
	Senior Researcher, CLMS EU programs R&D	September, 2020 - present
	Postdoctoral Researcher, École Polytechnique Research, supervision	March, 2019 - June 2020
	Research Engineer, École Polytechnique & Airbus Data Mining, Machine Learning, Data Visualization	September, 2013 - September, 2014
	Intern, École Polytechnique Web-crawling, Text Mining	Summer 2013
EDUCATION	École Polytechnique , Palaiseau, France Ph.D. Candidate, October 2015 - February 2019 <ul style="list-style-type: none">• Topic: “Novel Representations, Regularization and Distances for Text Classification”• Advisor: Prof. Michalis Vazirgiannis & Prof. Guillaume Wisniewski• Member of DaSciM team	
	École Normale Supérieure Paris-Saclay , Paris, France M.Sc., Math, Computer Vision and Machine Learning (MVA) 2014-2015 Specialization: Graph & Text Mining	
	Athens University of Economics and Business , Athens, Greece B.Sc., Computer Science, May 2013 Specialization: Data Mining & Web Crawling	
HONORS AND AWARDS	École Polytechnique Jeune Post-doc Fellowship, March-May 2019 Awarded a 3-month post-doc research grant	
	École Polytechnique Ph.D. Fellowship, 2015 Awarded the Ph.D. research grant for 2015-2018	
	State award for school excellence Awarded for excellent performance in school	
PUBLICATIONS	<ol style="list-style-type: none">1. Boosting Tricks for Word Mover’s Distance K. Skianis, F.D. Malliaros, N. Tziortziotis, M. Vazirgiannis ICANN 2020 (Full)2. Rep the Set: Neural Networks for Learning Set Representations K. Skianis, G. Nikolentzos, S.Limnios, M. Vazirgiannis AISTATS 2020 (Full)	

3. [GraKel: Graph Kernels in Python](#)
G. Nikolentzos, I. Siglidis, S. Limnios, C. Giatsidis, K. Skianis, M. Vazirgianis
JMLR 2020 (Software)
4. [Evaluation of Greek Word Embeddings](#)
S. Outsios, C. Karatsalos, K. Skianis, M. Vazirgiannis
LREC 2020 (Full)
5. [Scientometrics for Success and Influence in the Microsoft Academic Graph](#)
G. Panagopoulos, C. Xypolopoulos, K. Skianis, C. Giatsidis, J. Tang, M. Vazirgiannis
Complex Networks 2019
6. [Word Embeddings from Large-scale Greek Web Content](#)
S. Outsios, K. Skianis, P. Meladianos, C. Xypolopoulos, M. Vazirgiannis
arXiv 2018
7. [Orthogonal Matching Pursuit for Text Classification](#)
K. Skianis, N. Tziortziotis, M. Vazirgianis
WNUT, EMNLP 2018, Brussels, Belgium (Workshop)
8. [Fusing Document, Collection and Label Graph-based Representations with Word Embeddings for Text Classification](#) (Best Paper Award)
K. Skianis, F. Malliaros, M. Vazirgiannis
TextGraphs, NAACL 2018, New Orleans, USA (Workshop)
9. [Kernel Graph Convolutional Neural Networks](#)
G. Nikolentzos, P. Meladianos, A. J.-P. Tixier, K. Skianis, M. Vazirgiannis
ICANN 2018, Rhodes, Greece (Full)
10. [Data Management for the World Wealth & Income Database](#)
K. Skianis, M. Vazirgiannis, L. Chancel, T. Piketty et. al.
ParisBD 2017, Paris, France (Poster)
11. [SpreadViz: Analytics and Visualization of Spreading Processes in Social Networks](#)
K. Skianis, MEG. Rossi, F. D. Malliaros, M. Vazirgiannis
ICDM 2016, Barcelona, Spain (Demo)
12. [Regularizing Text Categorization with Clusters of Words](#)
K. Skianis, F. Rousseau, M. Vazirgiannis
EMNLP 2016, Austin, USA (Full)
13. [GoWvis: a web application for Graph-of-Words-based text visualization and summarization](#)
A. J.-P. Tixier, K. Skianis, M. Vazirgiannis
ACL 2016, Berlin, Germany (Demo)
14. [Graph-Based Term Weighting for Text Categorization](#)
F. Malliaros, K. Skianis
Someris, ASONAM 2015, Paris, France (Workshop)

REVIEWS

- 2020: EMNLP
- 2019: NAACL, LLD @ICLR
- 2018: NIPS, WWW, EMNLP, ECML-PKDD
- 2017: AAAI, LLD @NIPS, EMNLP
- 2016: AAAI, WSDM, IC²S²

COMPETITIONS	6th place, National Bank of Greece Race		April 2019
	Training greek word embedding from legal texts.		
	2nd place, Fintech Crowdhackathon		April 2016
	Detecting fraud e-transactions based on deep learning.		
	2nd place, DREEM challenge (inclass Kaggle)		January 2015
	DREEM introduces a way to increase the duration and quality of deep sleep.		
	6th place, Data Mining Cup		July 2013
	Berlin, Germany		
TECHNICAL SKILLS	Coding	Python, Java, C++ SQL, Matlab, D3js, L ^A T _E X	
	Tools	Keras, Tensorflow, PyTorch, Spark, Hadoop	
ADDITIONAL INFORMATION	Languages	Greek - Native	
		English - Fluent	
		German - Very good	
		French - Good	