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RESEARCH  
INTERESTS

Natural Language Processing, Machine Learning, Data Science

EDUCATION

**École Polytechnique**, Palaiseau, France

Ph.D. Candidate, September 2015 (expected graduation date: September 2018)

- Topic: “Representations, Regularization and Visualization for text and graph data”
- Advisor: Professor Michalis Vazirgiannis
- Member of [DaSciM team](#)

**École Normale Supérieure de Cachan**, 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 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

1. [SpreadViz: Analytics and Visualization of Spreading Processes in Social Networks](#)  
Konstantinos Skianis, Maria Evgenia G. Rossi, Fragkiskos D. Malliaros and Michalis Vazirgiannis  
**ICDM 2016**, *Barcelona, Spain* (Demo paper)
2. [Regularizing Text Categorization with Clusters of Words](#)  
Konstantinos Skianis, Francois Rousseau, Michalis Vazirgiannis  
**EMNLP 2016**, *Austin, USA* (Full paper)
3. [GoWvis: a web application for Graph-of-Words-based text visualization and summarization](#)  
Antoine J.-P. Tixier, Konstantinos Skianis, Michalis Vazirgiannis  
**ACL 2016**, *Berlin, Germany* (Demo paper)
4. [Graph-Based Term Weighting for Text Categorization](#)  
Fragkiskos Malliaros, Konstantinos Skianis  
**ASONAM 2015**, *Someris workshop, Paris, France* (Workshop paper)

REVIEWS

- World Wide Web Conference(WWW) 2017
- Web Search and Data Mining(WSDM) 2017
- Association for the Advancement of Artificial Intelligence(AAAI) 2016, 2017
- International Conference on Computational Social Science 2016

COMPETITIONS

**2nd place, Fintech Crowdhackathon** **April 2016**  
 Our team (RSK project) is the 2nd winner in the Fintech Crowdhackathon organized by the National Bank of Greece. We made a platform to detect fraud e-transactions based on Deep Learning.

**2nd place, DREEM challenge** (inclass Kaggle) **January 2015**  
 DREEM is a french startup trying to analyze dreams. During deep sleep, crucial mechanisms occur: memory consolidation, cellular regeneration, growth hormone release or biologic clock reset. Lacking deep sleep impairs memory, focus and judgment during work. DREEM introduces a way to increase the duration and quality of deep sleep to ensure optimal performances.

**6th place, Data Mining Cup** **July 2013**  
 Our team from the Department of Computer Science (AUEB) was placed 6th among the world's top universities in the DMC 2013 competition, that was held in Berlin, Germany.

**Amazon.com - Employee Access Challenge** **June 2013**  
 Kaggle  
 Position: Top 25%.

PROFESSIONAL EXPERIENCE

**Research Engineer, *École Polytechnique & Airbus*** **September, 2013 - September, 2014**  
 Data Mining, Machine Learning, Data Visualization

**Intern, *École Polytechnique*** **Summer 2013**  
 Web-crawling, Text Mining

TECHNICAL SKILLS

Coding	Java, Python, SQL, Assembly(MIPS), PHP, Javascript, D3js, L <sup>A</sup> T <sub>E</sub> X
IDEs	Eclipse, NetBeans, Visual Studio
Systems	GNU/Linux, Microsoft Windows, Mac OSX
Applications	Matlab, Octave, Weka

ADDITIONAL INFORMATION

Languages	Greek - Native tongue English- Fluent(Proficiency) German - Very good(Zertifikat) French - Beginner
Affiliations	Member of <a href="#">DaSciM team</a> , <i>École Polytechnique</i> Member of <a href="#">DB-net team</a> , AUEB Member of <a href="#">Venus</a> online community of computer science students of AUEB

INTERESTS

Music	Playing the bouzouki.
Community	Elected as member of the Cultural Community of Ano Potamia.