

Dialekti VALSAMOU

Senior Data Scientist

PERSONAL

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DATE OF BIRTH: 09 april 1982
CITIZENSHIP: Greek, French

EDUCATION

- 2017 | Doctorate in **COMPUTER SCIENCE**
Paris Saclay University, Orsay, France
Thesis: “Information extraction from scientific articles for the reconstruction of the biological regulatory network during the seed development phase of *Arabidopsis Thaliana*.”
Supervisors: Pierre ZWEIGENBAUM, Claire NDELLEC
- 2010 | Master of Science in **COMPUTER SCIENCE**
Paris Diderot University, Paris, France
Master Parisien de Recherche en Informatique (MPRI) by Paris Diderot University, ENS Paris, ENS Cachan and cole Polytechnique.
Thesis: “Unsupervised learning for active period detection in Brain Computer Interfaces.”
Supervisor: Michle SEBAG
- 2009 | Undergraduate Degree (4 years) in **COMPUTER SCIENCE**,
Athens University of Economics and Business, Athens, Greece
Thesis: “A distributed framework for non linear dimensionality reduction.”
Supervisor: Michalis VAZIRGIANNIS
- 2000 | Greek Baccalaurat, **SCIENCE STREAM**
Greek-French School “Jeanne D’Arc”, Piraeus, Greece

SUMMER SCHOOLS

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| 2014 | European Summer School in Logic, Language and Information (ESSLLI) | Tbingen, Germany. |
| 2012 | Machine Learning Summer School (MLSS) | La Palma, Spain. |
| 2010 | INRIA “Visual Reconstruction and Machine Learning” Summer School | Grenoble, France. |

COURSES

- Debating
- Preparing a research project and taking notes on scientific literature (Stage)
- Teaching and speaking in public with ease, thanks to theatre (Stage)
- Speaking in public (Stage)
- Project Management Basics (Stage)
- Natural Language Processing (Coursera-Jurafsky,Manning)
- Machine Learning (Coursera-Andrew Ng)
- Artificial Intelligence (Udacity-S.Thrun,P.Norvig)

SCHOLARSHIPS

Paris-Saclay Excellence Initiative (IDEX) PhD Project Scholarship

EMPLOYMENT

NOW	Chief Scientific Officer at SPARKUP, Paris, France
NOV 2016	<i>Data Science & Financial Technology</i> Superpowering fundraising campaigns by AI, Financial modeling for start-ups and traditional companies. Supervising junior Data Scientists & closely collaborating with Product Development.
JAN 2016	Co-Founder & Lead Data-Scientist at COMPELLIA, Paris, France
JUL 2015	<i>Data Mining for Lead Generation</i> Heterogeneous and Web Data extraction, Specialized Domain Modeling, Data Architecture.
APR 2015	PhD Researcher at INRA-MAIAGE lab, Jouy-en-Josas, France
JAN 2012	<i>Information Extraction</i> Relation extraction from scientific litterature for the domain of Biology. Corpus annotation and preparation with experts, ontology preparation, scientific litterature corpus creation.
DEC 2011	R&D Enginner at INRA-MIG, lab, Jouy-en-Josas, France
DEC 2010	<i>Corpus Creation and Information Extraction</i> FSOV/SAM Project: text mining scientific litterature for the automatic creation and update of a knowledge base for the Marker Assisted Selection of wheat.
AUG 2010	Internship at INRIA-SACLAY, TAO, Orsay, France
MAR 2010	<i>Machine learning for Brain Computer Interfaces</i> Unsupervised learning for the classification of EEG signal. Design and implementation of a pre-processing step that computes the active periods of the experimental sessions and improves the accuracy of the classifier.
MAR 2009	Technical Support Assistant Manager at IT LAB, Athens, Greece
NOV 2008	<i>Linux Specialist</i> Deployment of linux based and other networking solutions, b2b technical support, D-Link and other networking manufacturers official service.
APR 2008	Internship at GREEK PARLIAMENT, Athens, Greece
OCT 2007	<i>IT & Computer Networks</i> Technical support, wired and wireless networks installation and configuration, linux based services.
MAY 2007	Computer Technician at PRIVENET SA, Athens, Greece
OCT 2005	<i>IT & Computer Networks</i> Technical support, b2b support, wired and wireless network installation and configuration.
FEB 2005	Network Technician at COSMOLINE SA, Athens, Greece
JAN 2004	<i>Network Management Shift Technician</i> Telecommunications network basic troubleshooting.
AUG 2003	Operator at OTE SA, Athens, Greece
MAY 2003	Yellow Pages Operator

LANGUAGES

ENGLISH:	Full Professional Proficiency	FRENCH:	Full Professional Proficiency
GREEK:	Native	ITALIAN:	Basic Notions

COMPUTER SKILLS

Programming	Python, Java, Perl, R, Matlab, Octave, JavaScript
Tools	Jupyter, Eclipse, Weka, Bash, UML, L ^A T _E X.
Data Bases	NoSQL (e.g. MongoDB), SQL
Version Control	Git, Subversion (SVN), CVS.
Systems	Linux, Windows and Mac OS X: experienced user, and administrator.
Computer Networks	Very experienced in wired & wireless networking and network services.

PUBLICATIONS

- August 2016** BioNLP ST '16 Workshop (2016):
Estelle CHAIX, Bertrand DUBREUCQ, Abdelhak FATIHI, Dialekti VALSAMOU, Robert BOSSY, Mouhamadou BA, Louise DELEGER, Pierre ZWEIGENBAUM, Philippe BESSIERES, Loc LEPINIEC and Claire NDELLEC
“Overview of the Regulatory Network of Plant Seed Development (SeeDev) Task at the BioNLP Shared Task 2016.”.
- September 2015** BioCreative 5 Challenge Workshop (2015):
Estelle CHAIX, Bertrand DUBREUCQ, Dialekti VALSAMOU, Abdelhak FATIHI, Robert BOSSY, Philippe BESSIERES, Louise DELEGER, Pierre ZWEIGENBAUM, Loc LEPINIEC and Claire NDELLEC
“A knowledge model of regulatory networks involved in Arabidopsis seed development for information extraction and integration from text”.
- July 2015** BMC Bioinformatics special issue 16(Supp 10):
Robert BOSSY, Wiktoria GOLIK, Zorana RATKOVIC, Dialekti VALSAMOU, Philippe BESSIERES, Claire NDELLEC
“An Overview of the Gene Regulation Network and the Bacteria Biotope Tasks in BioNLP13 Shared Task”.
- June 2015** International Conference on Arabidopsis Research 2015 :
Bertrand DUBREUCQ, Dialekti VALSAMOU, Abdelhak FATIHI, Estelle CHAIX, Robert BOSSY, Philippe BESSIERES, Louise DELEGER, Pierre ZWEIGENBAUM, Claire NDELLEC, Loc LEPINIEC
“Information extraction from articles for the elaboration of the regulatory networks involved in Arabidopsis seed development” (poster).
- November 2014** 8th Metadata and Semantics Research Conference (MTSR 2014):
Claire NDELLEC, Robert BOSSY, Dialekti VALSAMOU, Pierre SOURDILLE, Marion RANOUX, Wiktoria GOLIK
“Information Extraction from Bibliography for Marker-Assisted Selection in Wheat”.
- March 2014** 2nd IN-OVIVE Workshop/Atelier IN-OVIVE 2ime dition:
Dialekti VALSAMOU, Robert BOSSY, Marion RANOUX, Wiktoria GOLIK, Pierre SOURDILLE, Claire NDELLEC
“Extraction dinformation pour la slection du bl assiste par marqueur gntique”.
- June 2010** 14th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD 2010):
Panagis MAGDALINOS, Michalis VAZIRGIANNIS, Dialecti VALSAMOU
“Distributed Knowledge Discovery with Non Linear Dimensionality Reduction”.
- September 2007** 2007 European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD) Discovery Challenge 2:
Konstantinos PACHOPOULOS, Dialekti VALSAMOU, Dimitrios MAVROEIDIS and Michalis VAZIRGIANNIS
“Feature Extraction from Web Traffic data for the Application of Data Mining Algorithms in Attack Identification”.

OTHER RESEARCH ACTIVITY

- Part of the organizing team for the BioNLP 2013 Shared Task International Challenge
- Reviewer for the 20th European Conference on Artificial Intelligence (ECAI 2012)

RESEARCH INTERESTS

Machine Learning

Main Domains: Natural Language Processing

Data Mining, Information Extraction

Additionally, I am very interested in Data and Knowledge Visualization, Opinion Mining, Sentiment Analysis, Graph-Based Learning, Semi-Supervised Approaches