

Resume

Yann Esposito

26 July 2016

Yann Esposito

Professional Background

- 2016 → Clojure Software Engineer for Cisco (Threatgrid), *Remote*
- 2013 → 2016 Machine Learning Scientist & Software Engineer at Vigiglobe, *Sophia Antipolis, France*
- 2010 → Co-Founder of GridPocket, *Sophia Antipolis, France*
- 2007 → 2013 AirFrance, *Sophia Antipolis, France*
- ~~10/2006~~ 3/2007 Post Ph.D., Hubert Curien Laboratory, *St-Etienne, France*
- ~~10/2004~~ 9/2006 MASTER (College Degree Teach & Research), *Marseille, France*
- ~~10/2001~~ 9/2004 University Monitor (College Degree Teach & Research), *Marseille,*

Education

2004	CS Ph.D. in Machine Learning at Université de Pr
2001	D.E.A. (Equivalent to Master in Computer s
2000	Maîtrise in Computer S
1999	Licence in Computer S
1998	DEUG MIAS (
1995	BAC S (

Research Activities: Publications

<i>International Journal</i>	[Fundamenta Informaticæ, 2008] [Pattern Recognition, 2004]
<i>International Conferences</i>	[ECML 2008] [ICGI 2006] [COLT 2006] [COLT 2004] [ICALP 2003] [ICDM 2003]
<i>National Journal</i>	[JEDAI 2002]
<i>National Conferences</i>	[CAp'06] [CAp'04] [CAp'03]

Presentation

Public things done

Technical Competences

Jobs

Clojure Software Engineer for Cisco 2016



► *Remote*

Product	Security Threat Management
Role	Clojure Software Engineer

Machine Learning Scientist & Software Engineer for Vigiglobe 2013 → 2016

► *Sophia Antipolis, France*

Product	Scalable Real Time Social Media Analytics Sentiment Analysis Many client side web applications (Angular.js)
Role	Machine Learning Scientist (fast sentiment analysis, learning protocols, etc) Full stack engineer (backend to frontend architecture)
Keywords	Clojure, Haskell, node.js, reagent, Angular.js,

Co-Founder & freelance for GridPocket

2010 →

Sophia Antipolis, France

Product	Two API server (one for client, another for ad) A private client side web application An iPhone Application Some Linux boxes to send data to the servers A Linux driver
Role	Full technical responsibilities
Keywords	Ruby, REST, JSON, HTML, CSS, Javascript, jQuery, Objective-C, ASIHTTPRequest, CoreF

Consultant, AirFrance 2007 →

Sophia Antipolis, France

Role	In charge of the Airfrance CMS for their webs
Keywords	TeamSite, Perl, XML, XHTML, CSS, javascript Unix (Solaris/Linux), Bazaar

Post Ph.D 10/2006 → 3/2007

*Université Jean Monet, Laboratoire Hubert Curien,
Saint-Etienne*

Product **SeDiL**

Role Java Developer

Research Similarity measure between strings or XML tr

Contact **Marc Sebban**

Keywords UML, Java 1.5, Swing, Java 2D, Java Web S
subversion, XML, XHTML, PHP

Details:

*Java application: 11 000 lines with
javadoc*

Main functionalities

ATER 10/2004 → 9/2006

Research & Teacher, Université de Provence,
Marseille

teach 1/2, research 1/6, C++ development 1/3

DEES ; a C++ software

7500 lines of C++ code, 10.000 with
comments

Main functionalities:

- ▶ *Multiplicity Automata, HMM & PDA Inference,*
- ▶ *Baum Welch & Viterbi Algorithms,*
- ▶ *GraphViz export,*
- ▶ *String Generation from many Models,*

Moniteur des Universités 10/2001 → 9/2004

Université de Provence, Marseille

teach 1/3, research 1/3, C++ Development 1/3

Creation of DEES (see preceeding entry).

Diploma

Scientific Publications

International

Journals	[Fundamenta Informaticæ vol.86 2008][Pattern Recognition, 2004]
Conferences	[ECML 2008] [COLT 2006] [ICGI 2006][COLT 2004] [ICALP 2003] [ICGI 2002]
Workshop	[TAGI05]

National (French)

Journals	[JEDAI, 2003]
Conferences	[CAP 2006] [CAP 2004] [CAP 2003]
Thesis	[Université de Provence 2004]

Projects

Haskell libraries

- ▶ [Link to list of packages](#)
- ▶ `holy-project`
- ▶ `human-readable-duration`
- ▶ `wai-middleware-caching-lru`
- ▶ `wai-middleware-caching-redis`
- ▶ `wai-middleware-caching`

YPassword 2008 →

Mainly an iOS application:

- ▶ YPassword,
<http://ypassword.espozito.com>

I've done fully the website from scratch. Also there are some javascript implementation of YPassword method:

- ▶ a Mac OS X dashboard widget,

YPassword 2008 →

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- ▶ a jQuery Web application,

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- ▶ a Cappuccino Web application,
- ▶ a jQuery Web application,
- ▶ a command line tool,

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- ▶ a Mac OS X dashboard widget,
- ▶ a Cappuccino Web application,
- ▶ a jQuery Web application,
- ▶ a command line tool,
- ▶ an Applescript helper

Anonymous Network Project 02/2006 → 06/2006

Made a protocol similar to **TOR** for student.

Other projects

- ▶ Web Application used for private team usage at AirFrance 2008 → This application is just done *for teh lulz*. Not related to the Airfrance work. But still pleasant.
Javascript(Prototype.js, Scriptaculous), CSS, PHP/MySQL, Google Talk
- ▶ **metapost package** to draw Automata 2003 → 2004 metapost
- ▶ Mac OS X Screensavers (**YClock** & **YAquaBubbles**) 2003 → 2004
Objective-C, Quartz Composer, Cocoa

You could find even more information by looking at:

- ▶ My personal website: