

Resume

Yann Esposito

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Professional Background

2016	→		Clojure Software Engineer for Cisco
2013	→	2016	Machine Learning Scientist & Software Engineer <i>Sophia Antipolis, France</i>
2010	→		Co-Founder of GridPocket, <i>Sophia Antipolis, France</i>
2007	→	2013	AirFrance, <i>Sophia Antipolis, France</i>
10/2006	→	3/2007	Post Ph.D., Hubert Curien Laboratory
10/2004	→	9/2006	ATER (College Degree Teach & Research Assistant)
10/2001	→	9/2004	University Monitor (College Degree)
			<i>Marseille, France</i>
1995	→	2000	Miscellaneous summer jobs

Education

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

Research Activities: Publications

<i>International Journal</i>	[Fundamenta Informaticæ, 2008] [Pattern Recognition, 2004]
<i>International Conferences</i>	[ECML 2008] [ICGI 2006] [COLT [COLT 2004] [ICALP 2003] [IC
<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] [Pat
Conferences	[ECML 2008] [COLT 2006] [ICGI 2006] [CO
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 jQuery Web application,
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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: