



# Europass Curriculum Vitae

## Personal information

First name(s) / Surname(s) **John Salatas**

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Date of birth 22/12/1974

## Work experience

Dates **October 2012 → Today**

Occupation or position held **Programmer / Analyst**

Main activities and responsibilities Administration of Apache and Tomcat web servers, mod\_security and mod\_jk modules running on Solaris 10/11 and linux (CentOS and Ubuntu) operating system.

Database administration and programming (PostgreSQL).

Back end development using java SE/EE for implementation of natural language processing algorithms and interfacing with Apache Solr/Lucene text search platform.

Front end development using HTML/JavaScript/JSON for the creation of a web interface for text search retrieval.

Name and address of employer University of California, Irvine (TLG Project)

Dates **May 2012 → August 2012**

Occupation or position held **Developer at Google Summer of Code 2012**

Main activities and responsibilities Supervising Organization: [CMU Sphinx](#)  
Project Name: [Letter to Phoneme Conversion in sphinx4](#)  
Project Description: Currently sphinx4 uses a predefined dictionary for mapping words to sequence of phonemes. I propose modifications in the sphinx4 code that will enable it to use trained models (through some kind of machine learning algorithm) to map letters to phonemes and thus map words to sequence of phonemes without the need of a predefined dictionary. A dictionary will be only used to train the required models.

Name and address of employer Google

Type of business or sector Technology

Dates	September 2010 → December 2011
Occupation or position held	Information Systems' Implementation, Web Developing
Main activities and responsibilities	<p><u>Undertaken Projects</u> Websites Development (Linux, Apache, PHP, MySQL).</p> <p>Server Virtualization implementation (based on VirtualBox and Linux Ubuntu Server) for file sharing (Samba), Remote Access (openVPN/openSSH), email (SMTP/IMAP) services and for backup/disaster recovery procedures for the company Enviteam Ltd (General engineering contractors).</p> <p>Requirement analysis and setup of small offices (3-6 PCs, LAN/Internet access setup, file sharing and printing services, backup procedures) using Linux (openSuSE) as the server's OS and Microsoft Windows for the clients' OS.</p>
Name and address of employer	Self Employed – Freelancer
Dates	June 2010 → September 2010
Occupation or position held	Open Source Project Contribution (voluntary)
Main activities and responsibilities	Development of neural network's algorithms (Self Organizing Map and Elman ANN), using Java SE. Source code and additional information are available at <a href="http://jsalatas.ictpro.gr/weka">http://jsalatas.ictpro.gr/weka</a>
Name and address of employer	Weka (Data Mining and Machine Learning) <a href="http://www.cs.waikato.ac.nz/~ml/weka/">http://www.cs.waikato.ac.nz/~ml/weka/</a>
Dates	June 2008 → June 2010
Occupation or position held	Senior Developer
Main activities and responsibilities	Development of the company's Payroll and Accounting applications using Delphi 7 and Microsoft SQL Server 2005.
Name and address of employer	Advanced Consulting S.A. Athens (Greece)
Type of business or sector	Technology
Dates	July 2005 - April 2008
Occupation or position held	IT Operations / Senior Developer
Main activities and responsibilities	<p>Administration of a Windows based (NT4/2000/2003) Wide Area Network (Athens, Geneva, New York).</p> <p>Database Administration (Microsoft SQL Server 2000 and mySQL).</p> <p>Analyze, supervise and manage outsourced IT projects.</p> <p>Research, built and administration of a High Available IT infrastructure and Disaster Recovery plan.</p> <p>Develop and keep updated in-house applications for hedge funds portfolio management, and accounting in Delphi 6, Delphi .NET, Visual Basic .NET and C#.</p> <p>Develop and keep updated excel applications for producing automated reports delivered to management in Delphi 6, Delphi .NET, Visual Basic .NET, C# and Microsoft Excel/VBA.</p> <p>Requirement analysis and develop of an online data exchange and reconciliation system for the company Fix Asset Management SA in cooperation with the developing departments of <a href="#">BNP Paribas</a> and <a href="#">KBC</a> banks. The application was built using Delphi .NET and Web Services and XML for the systems' data exchange and communication.</p>
Name and address of employer	Fix Financial Advisors S.A. Athens (Greece)
Type of business or sector	Financial/Asset Management

Dates	May 2000 - June 2005
Occupation or position held	System's Administration / Junior Developer
Main activities and responsibilities	<p>Technical Support (Hardware and Software troubleshooting and assistance) for my company's customers and my company's personnel.</p> <p>System's administration (Windows NT4/2000/2003 and SuSE linux) for my company's customers' networks and my company's internal network.</p> <p>Web developing (Linux, Apache, mySQL, php) and desktop applications (VB.NET) for their managing and updating.</p> <p>Develop in VB.NET (Compact Framework) of a windows mobile application for online ordering application. The application is a front end for <a href="#">Entersoft</a>'s ERP system and uses Web Services and XML for data exchange and communication.</p> <p>Develop of windows applications (VB.NET and Microsoft SQL 2000).</p> <p>Develop of Microsoft Office applications and reporting (Access, Word and Excel) using VBA.</p>
Name and address of employer	Computer Society S.A. Athens (Greece)
Type of business or sector	Technology

## Education and training

Dates	October 2012 → Sep 2016
Title of qualification awarded	MSc on Engineering of Pervasive Computing Systems
Name and type of organisation providing education and training	Hellenic Open University
Msc. degree	7.74/10
BSc. Thesis	<p>"Implementation of a distributed mobile based environment to help children learning a foreign language", under the supervision of Assistant Professor C. Goumopoulos (University of Aegean).</p> <p>Text (English) is available online at <a href="http://jsalatas.ictpro.gr/wp-content/uploads/2016/09/HOU-CS-PGP-2016-15.pdf">http://jsalatas.ictpro.gr/wp-content/uploads/2016/09/HOU-CS-PGP-2016-15.pdf</a></p>
BSc. Thesis degree	9.2/10
Dates	October 2007 → July 2011
Title of qualification awarded	BSc on Computer Science
Name and type of organization providing education and training	Hellenic Open University
BSc. degree	7.53/10
BSc. Thesis	<p>"Implementation of Artificial Neural Networks and Applications in Foreign Exchange Time Series Analysis and Forecasting", under the supervision of Ass. Prof. C. N. Anagnostopoulos (Cultural Technology and Communication Dpt., University of Aegean)</p> <p>Text (Greek) is available online at <a href="http://jsalatas.ictpro.gr/wp-content/uploads/2011/08/HOU-CS-UGP-2011-02.pdf">http://jsalatas.ictpro.gr/wp-content/uploads/2011/08/HOU-CS-UGP-2011-02.pdf</a></p>
BSc. Thesis degree	9.9/10

## Personal skills and competences

Mother tongue(s) **Greek**

Other language(s)

Self-assessment  
European level (\*)  
**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C2	Proficient user	B2	Independent user	B2	Independent user	C2	Proficient user

(\*) [Common European Framework of Reference \(CEF\) level](#)

Computer skills and competences

Windows / Unix / MacOSX.  
MSSQL Server / MySQL / Oracle / PostgreSQL.  
Apache / Microsoft IIS / Tomcat / Jboss / Oracle Glassfish.  
Microsoft .NET / Delphi / VBA / SQL / HTML / Web Services / XML / SOAP/ PHP / C / C++ / Java SE / Java EE / ActionScript / Flex.  
UML / Design Patterns / ICONIX / RUP.

**Additional information**

Memberships  
- IEEE and IEEE Computer Society Member (N. 90487551) since 2008  
- ACM Member (N. 2198470) since 2008

Military Services  
- Discharged: I'm a disabled person suffering of hemiparesis on the right part of my body (I don't need any special treatment/help in working environments).