

# Aristotelis Metsinis

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## Personal Information

**Nationality:** Greek

- **Date of Birth:** 24. 08. 1972
- **Place of Birth:** Athens, Greece.



## Employment

**07/2013 – Present**      **Persado,**

**Athens, Greece.**

Position title: “**Connectivity Engineer**”.

- **Operations** department.
- Responsible for:
  - The contribution to the effective **service provision** of the technical Operations team.
  - The **set-up, configuration, testing, deployment** and **support** of Persado’s gateways, establishing connectivity between Persado and its clients for the purposes of large-scale digital marketing campaigns.
  - The **collaboration** with several technical teams, delivering the desired connectivity in line with other project requirements.
  - Serving as the **point of escalation** for any connectivity related problems for live projects.
  - Participating in **troubleshooting** sessions with client technical teams.
  - Proactively **administering** Persado’s gateways, ensuring the highest level of **availability**.
  - Providing 2nd & 3rd level **support**.

**01/2005 – 06/2013**      **Vodafone,**

**Athens, Greece.**

Position title: “**Associate Senior Data Messaging Services Development Engineer**”.

- Southern Europe Technology division, Engineering function, Service Design & Development department, **Messaging Solutions** group.
- Responsible for:
  - The **definition of procedures, ensuring** the proper **development, integration** and **monitoring** of new **Value Added** messaging **Services**.
  - The **documentation** of service applications.
  - The **Technical Requirements Specification** Reports.
  - The **set-up, configuration, testing** and **administration** of Vodafone’s messaging **gateway**, establishing **connectivity** between internal and external **Value Added Service** applications and Vodafone’s **SMSC/MMSC** platforms.
  - The **administration** of Vodafone’s branded messaging services **J2EE** platform, **monitoring** its performance, **upgrading** with new service features, **retrieving** statistical data and performing system **troubleshooting**.
  - The **entire lifecycle** of **in-house** developed service applications, including the **requirements** and **specifications analysis, design, implementation, integration, quality assurance** and software **testing** as well **maintenance, monitoring, optimization and troubleshooting**:
    - **Real-time** service applications written in **Java** and **Perl** programming languages, making use of a variety of communication **protocols** such as **HTTP, RPC/XML, SOAP/XML**, etc., running on **Solaris** (Unix) operating system, while **exchanging** information with a number of **diverse** systems such as Billing, Provisioning and Data Warehouse platforms as well as **Oracle relational databases** (via **SQL**).

- **Web** based applications supporting the functionality of the above services, allowing access to Marketing end-users and Customer Care agents, **displaying** statistical data, or **exporting** reports, etc. The underlying programming languages and technologies being used extend from **HTML**, **CSS**, **JavaScript** and **JQuery** to server-side pure **Servlets** and **JSPs**, running on **Apache-Tomcat** web-container environment.

**09/2000 – 12/2004**                      **Vodafone,**                      **Athens, Greece.**

Position title: “**Cellular Systems Engineer**”.

- Technology division, Engineering function, Radio Systems department, Radio Performance group, **Radio planning team**.
- Responsible for the:
  - **Monitoring** of the radio part of the cellular network, taking **corrective actions** and **ensuring** network and quality of service key **performance indicators**.
  - **Capacity** and **frequency planning** of the radio network.
  - **Introduction** of new **GSM** (900/1800 MHz), **GPRS** and **UMTS** radio functionalities.
  - **Design** of new radio **cells and base stations**.
  - **Design** and **development** of the cellular network for “**Vodafone Albania**”.

**Education**                      **1997 - 1998**                      **University of Essex,**                      **Essex, England.**

**Master of Science (MSc.)** in “**Telecommunication and Information Systems**”.

- Offered by the **Electronic Systems Engineering** department. Grade: **76.34%**.
- Project on “**Radio Wave Propagation with Applications on Cellular Mobile Radio Systems**”. Grade: **90%**.
- **Nortel** (Northern Telecom) **Prize** for the best overall student performance on the MSc. course in “**Telecommunication and Information Systems**” offered by the Electronic Systems Engineering department of the University of Essex.
- **Engineering and Physical Sciences Research Council (EPSRC) studentship**.

**1996 - 1997**                      **University of Essex,**                      **Essex, England.**

**Postgraduate Diploma (Pg. Dip.)** in “**Communication Systems**”.

- Offered by the **Electronic Systems Engineering** department. Grade: **74.20%**.
- Project on “**Traffic and Switching in an ATM Network: a Statistical Analysis**”. Grade: **80%**.

**1991 - 1996**                      **University of Athens,**                      **Athens, Greece.**

**BSc.** in “**Mathematics**”.

- Offered by the department of **Mathematics**. Grade: **7.22**.

**Training  
Courses,  
Seminars,  
Online Classes  
&  
Conferences**

**Software Engineering**

- Sun Microsystems, “**Creating Web Services Using Java Technology**” training course, Athens, September 20 - 22, 2010.
- Sun Microsystems, “**JavaScript and DOM – the Ajax Building Blocks**” training course, Athens, July 22 - 23, 2009.
- Sun Microsystems, “**The JavaScript Language and Ajax for Java Developers**” training course, Athens, July 16 – 17 & 20, 2009.
- Oracle, seminar on “**Oracle Database 10g: Administration Workshop I**”, Athens, October 06 – 10, 2008.
- Oracle, seminar on “**Oracle Database 10g: Program with PL/SQL**”, Athens, June 04 – 08, 2007.
- Sun Microsystems, “**Developing Java Server Faces Components with AJAX**” training course, Athens, February 05 – 06, 2007.
- Sun Microsystems, “**Introduction to XML**” training course, Athens, January 29 - February 01, 2007.
- Sun Microsystems, “**Web Component Development with Java Technology**” training course, Athens, March 20 - 24, 2006.

- Hewlett - Packard, **"Perl Programming"** training course, Athens, February 06 – 09, 2006.
- Sun Microsystems, **"Managing XML with the Java Platform"** training course, Athens, February 21 – 25, 2005.
- Oracle, seminar on **"Introduction to Oracle9i: SQL"**, Athens, January 31 – February 04, 2005.
- Sun Microsystems, **"Shell Programming for System Administrators"** training course, Athens, January 24 – 28, 2005.
- Sun Microsystems, **"Java Programming Language"** training course, Athens, November 22 – 26, 2004.

#### **Radio Engineering**

- Wray Castle, **"Cell Planning for UMTS Networks"** training course, Athens, June 15 – 16, 2004.
- Siemens, **"RC UMR3.0 Operation"** training course, Athens, March 22 – 26, 2004.
- Ericsson Telecom, **"GSM Advanced System Technique"** training course, Athens, November 17 – 21, 2003.
- Ericsson Telecom, **"Radio Network Tuning"** training course, Athens, June 10 – 14, 2002.
- Ericsson Telecom, **"Radio Network Features"** training course, Athens, October 31 – November 01, 2001.
- Quotient Communications Ltd, **"Quantum™ Cellular Network Planning and Management Tool"** specialist training course, Athens, July 2001.

#### **Project Management**

- Hewlett - Packard, **"Project Management Fundamentals"** training course, Athens, December 07 - 09, 2009.

#### **Telecommunications**

- Ericsson Telecom, **"IMS Overview"** training course, Athens, March 11, 2009.
- Hellenic Statistical Institute, seminar on **"Internet Data Collection and Transmission / e-Communication"**, Athens, May 09 - 23, 1996.

#### **Mathematics & Computer Science**

- Coursera.org - Mine Çetinkaya-Rundel, Assistant Professor of the Practice at the Department of Statistical Science, Duke University, **"Data Analysis and Statistical Inference"** online course, February 17 – April 29, 2014. Grade: 84.7% (accomplishment with distinction). "Data Analysis" project report: [http://www.thinkageek.com/metsinis/Data\\_Analysis\\_and\\_Statistical\\_Inference.pdf](http://www.thinkageek.com/metsinis/Data_Analysis_and_Statistical_Inference.pdf)
- Coursera.org - Yoav Shoham, Professor of Computer Science, Stanford University & Matthew O. Jackson, Professor of Economics, Stanford University & Kevin Leyton-Brown, Associate Professor of Computer Science, University of British Columbia, **"Game Theory"** online course, January 07 – March 10, 2013. Grade: 94.2% (accomplishment with distinction).
- Coursera.org - Dan Boneh, Professor of Computer Science, Stanford University, **"Cryptography"** online course, June 11 – August 13, 2012. Grade: 100.0%.

#### **Meteorology & Astronomy**

- NATO Advanced Research Workshop, symposium on **"Ground Level and Satellite Ozone Observations: Changes in the Mediterranean Region"**, Athens, October 31 - November 04, 1995.
- University of Athens – Ozone Physics and Solar Radiation Research Group, participation in the 2<sup>nd</sup> international symposium on **"Ozone Depletion and Solar Ultraviolet Radiation - Impacts on Human Health: A Case Study of the Mediterranean Region"**, Athens, October 30, 1995.
- Hellenic Astronomical Society, participation in the **"2<sup>nd</sup> Hellenic Astronomical Conference"**, Thessaloniki, June 29 - July 1, 1995.

Professional Experience	03/1996 – 04/1996	<i>National Statistical Service,</i>	<i>Athens, Greece.</i>
	Practice on Statistics.		
	<ul style="list-style-type: none"> <li>Project in collaboration with the department of <b>Mathematics</b> of the University of Athens: <b>Collection</b> and <b>statistical analysis</b> of data from the Greek trade area.</li> </ul>		
	09/1995 – 09/1996	<i>University of Athens,</i>	<i>Athens, Greece.</i>
	Microcomputers Laboratory Demonstrator.		
	<ul style="list-style-type: none"> <li>Department of <b>Mathematics</b>.</li> <li>Education and practice of undergraduate students in subjects concerning Informatics. Lectures on <b>Pascal</b> and <b>MS-Dos / MS-Windows</b> operating systems and applications.</li> </ul>		
	04/1999 – 09/2000	<i>Hellenic Air force / National Meteorological Service.</i>	
	Meteorologist.		
	<ul style="list-style-type: none"> <li>Observation, reporting and encoding the weather elements required for the pre-flight weather reports and also the en-route weather radio message.</li> <li>Explanation of the procedures used to estimate the subjective elements of the weather report/forecasting (e.g. visibility, weather and cloud type, amounts and height).</li> <li>Description of the procedures used to accurately obtain the objective elements of the weather report (e.g. wind speed and direction, pressure and temperature).</li> <li>Knowledge acquisition of the various systems, equipment and instruments in use, including their limitations.</li> <li>Understanding the need for issuing accurate weather reports, especially in the case of an aircraft incident.</li> <li>Decoding civil "METAR" and "SYNOP" weather reports.</li> <li>Understanding of air masses, weather fronts and the way clouds are formed.</li> </ul>		
Publications	<ul style="list-style-type: none"> <li>Metsinis, A., "<b>Cellular Structure of Mobile Networks</b>", Mobile Telephony and Telecom, February 1999, no. 28, pp. 126 - 135.</li> </ul>		
Languages	<ul style="list-style-type: none"> <li>English: "<b>First Certificate in English</b>", university of <b>Cambridge</b>, Athens, June 1988.</li> </ul>		
Professional Skills	<ul style="list-style-type: none"> <li>Programming languages: <b>Java</b>, <b>Perl</b>, <b>Python</b>, <b>C/C++</b>, <b>Pascal</b> (Turbo), <b>XML</b>, <b>SQL</b> &amp; <b>PL/SQL</b>, <b>HTML</b>, <b>CSS</b>, <b>JavaScript</b>, <b>JQuery</b>, <b>JSP</b>, <b>PHP</b>, <b>R</b>.</li> <li>Operating Systems &amp; Environments: <b>MS-Windows</b>, <b>Unix (Solaris)</b> &amp; <b>Linux (CentOS)</b>.</li> <li>Databases: <b>Oracle</b>.</li> <li>Software packages: <b>Microsoft Office</b>, <b>IntelliJ</b>, <b>Komodo</b>, <b>Eclipse</b>, <b>SQL Navigator</b>, <b>XML Spy</b>, <b>Ultra Edit</b>, <b>Matlab</b>, <b>Notepad++</b>, <b>Wireshark</b>, <b>RStudio</b>.</li> <li>Cellular network planning &amp; management tools: <b>Quantum</b>, <b>VGis</b> (Vodafone Geographical Information System) &amp; <b>OSS</b> (by Ericsson).</li> </ul>		
Activities	<ul style="list-style-type: none"> <li>1987 &amp; '88 Greek <b>swimming champion</b>.</li> <li>1987 - 88, member of the Greek <b>national swimming team</b>.</li> <li>Member of the swimming team of the University of Athens (1991 - 1996).</li> <li><b>Licensed lifeguard</b> (since 1995).</li> <li>1991 - 96, BSc. "Mathematics" representative in "<b>undergraduate courses staff/students Liaison Committee</b>" of the department of Mathematics of the university of Athens.</li> <li>1997 - 98, MSc. "T&amp;IS" representative in "<b>postgraduate courses staff/students Liaison Committee</b>" of the Electronic Systems Engineering department of the university of Essex.</li> <li><b>Festival of Skyros 1993</b>; member of a theatrical group.</li> </ul>		