

94 rue Bobillot  
Paris, France 75013  
☎ (+33) 637046277  
✉ johniesarris@gmail.com  
📄 jsars.github.io  
Date of Birth: 08/02/1987  
Nationality: Greek  
Military Service: Fulfilled

# Ioannis Sarris

## Curriculum Vitae

### Education

- 2011–2013 **M.Sc. in Networked Computer Systems**, *Telecom ParisTech*, Paris - France.  
○ *Master Thesis*: “Monitoring and Reporting for CDN performance measurements”, Orange Labs  
○ *Grade of Thesis*: A+ (highest grade in class)
- 2004–2010 **Diploma in Electronic & Computer Engineering**, *Technical University of Crete*, Chania - Greece.  
○ *GPA*: 7.81/10  
○ *Major*: Telecommunications  
○ *Diploma Thesis*: “Factor Analysis of Social Networks”(grade 10/10)  
○ *Advisor*: Prof. Nicholas Sidiropoulos
- 2001–2004 **Greek National Apolytirion**, *Saint-Paul High School*, Piraeus - Greece, *GPA*: 17.8/20.

### Experience

- 2014–Present **R&D Software Engineer**, DASSAULT SYSTEMS, Paris-France, 1 December 2014 - present.  
○ Design and develop 3D Digital Manufacturing applications in C++ (MVC model)  
○ Provide user interface design for the widgets of these applications  
○ Mentoring junior team members in development and technical progression  
○ Hands on development of different projects from genesis to delivery
- 2013–2014 **R&D Software Engineer**, OBERTHUR TECHNOLOGIES, Telecom Business Unit, Paris-France, 21 Mars 2013 - 28 November 2014.  
○ Writing, maintaining and debugging code for the OS of the Embedded SIM - eUICC (C, Java)  
○ Design and develop the core applet of the card in Javacard  
○ Suggesting improvements on design and functionality  
○ Writing Unit Tests (in Python)
- 2012–2013 **Internship - R&D Engineer**, FRANCE TELECOM - ORANGE LABS, Paris-France, 05 August 2012 - 11 January 2013.  
○ Analysing existing CDN infrastructure (QoS & QoE measurements)  
○ Design and develop prototypes for monitoring CDN Health Status  
○ Hands on development of Web applications (Javascript: NodeJS framework)  
○ Experience with Big Data infrastructure, No-SQL Databases (MongoDB), Java, Python, PHP
- 2010–2011 **Software Developer**, SCHOOL OF RESEARCH AND INFORMATICS, of the Hellenic Army, Greece, 17 November 2010 - 17 August 2011.  
○ Network Administrator, performance analysis of the local network (height: 70)  
○ Programmer PHP

2006 **Member of Technical Staff**, FUJITSU-SIEMENS, Greece, 20 July 2006 - 31 August 2006.

- o Team player (member of a group of 10 persons)
- o Technical Assistant on desktop, laptops and PDAs

## Technical skills

Programming Languages C/C++, UNIX shell scripting, Python, Java, Android SDK (Java-based), Java RMI, JDBC, CORBA

Web Development PHP, HTML5, CSS3, Javascript

Databases SQL, MongoDB

Networks *Wireless Communications*: GSM, GPRS, EDGE, UMTS, HSPA, LTE, WiMax  
*Network Protocols*: IP, TCP, UDP, SIP, SS7, HTTP, DNS, SMTP, ICMP, ARP, PPP, WDM  
*Configuration of Major Routing Protocols*: MPLS, BGP, OSPF  
*Performance analysis of Networks*: QoS & QoE *Digital Signal Processing*

Network Security L2TP, RSA, 3-DES, SSL, IPSEC, crypto of GSM(A3/A8, A5), ECC

Applications Microsoft Visual Studio, Eclipse, MySQL, flex, bison, Wireshark, Inkscape, Xilinx ISE,  $\text{\LaTeX}$

## Awards

2012 **Scholarship of Greek Ship Owners** for postgraduate studies in European's Union Universities.

2009 **Scholarship of Academic Achievements** for the academic year 2007-2008 (top 10% of class 120 students), Technical University of Crete.

## Professional Memberships

2011 **Member of Technical Chamber of Greece (TEE)**

## Languages

Greek **Mother tongue**

English **Fluent** *Cambridge First Certificate in English (FCE); TOEFL Certificate (grade:92/120)*

French **Fluent** *Certificat Pratique de langue francaise SORBONNE I*

## Interests

- Tennis
- Running
- Guitar
- Piano