

PERSONAL INFORMATION

Ioannis Athanaselis

 Chalkis 60, Nea Ionia, 14233 Athens (Greece)

 +30 6976525784

 johnathana@gmail.com

Sex Male | Date of birth 10 March 1986 | Nationality Greek

EDUCATION AND TRAINING

September 2009 – September
2012

**M.Sc. in Management and Economics of Telecommunication
Networks**

National and Kapodistrian University of Athens, Department of Computer Science, Athens (Greece)

September 2004 – February 2009

B.Sc. in Computer Science

Technological Educational Institute of Athens, Department of Informatics, Athens (Greece)

Awards aquired

06 February 2012 – 08 February
2012

Cyprus Advanced HPC Workshop Winter 2012

The Cyprus Institute, Nicosia (Cyprus)

<http://linksceem.eu/ls2/component/rsevents/event/10-hpc-workshop-winter-school.html>

Parallel programming with OpenACC directives
GPU Kernel development for application porting
Introduction to PyOpenCL
Introduction to Scalasca

User meeting lecture:
Porting atmospheric forecasting models to HPC platforms

06 October 2009 – 08 October
2009

**International LinkSCEEM High Performance Computing
Conference**

CaSToRC (<http://www.cyi.ac.cy/castorc.html>) and the Swiss supercomputing center
(<http://www.cscs.ch>), Paphos (Cyprus)

HPC Training
Introduction to MPI, OpenMP
Profiling and code optimization
Networking for HPC
Clustered filesystems

WORK EXPERIENCE

July 2009 – April 2013

System Administrator

Atmospheric Modeling and Weather Forecasting Group
<http://forecast.uoa.gr>

Administration, Setup and Maintenance of a 50 12-core nodes linux cluster running CentOS 64bit
operating system
HPC Configuration and tuning
Optimization of operational tasks (Data preparation, model run, postprocessing)
MPI parallel environment settings
Apache, proftpd, dovecot, OpenVPN server support

Computer systems designer and analyst

MARINA Platform Project
<http://www.marina-platform.info>

Marine Renewable Integrated Application Platform, funded by EU (FP7)
30TB Database of Atmospheric, Wave and Oceanographic data
Stored Procedures Development for Statistical Analysis

Publication available

Computer systems analyst

Saudi Aramco WASSF
<http://wassf.net>

Weather Analysis and Sea State Forecast system, funded by Saudi Aramco
Development of weather, dust, wave, ocean and tides forecasting report system
24-hour operational support
System security management

Publication available

Computer systems analyst

Saudi Aramco O3KSA
<http://o3ksa.net>

Ozone (O3) forecasting system for Kingdom of Saudi Arabia, funded by Saudi Aramco
Development of the report system
24-hour operational support for ozone forecasting report system

January 2012 – June 2012

Web developer

National and Kapodistrian University of Athens, Department of Computer Science
<http://workoffer.di.uoa.gr>

Workoffer platform development
PHP / jQuery / MySQL
Platform documentation, support and maintenance

May 2008 – June 2009

Technical salesperson

ACTA Ltd (Advanced Communications Testing Applications)
<http://www.acta.com.gr>

Promotion and demonstration of advanced telecommunication instruments
Website design and programming

November 2007 – April 2008

Computer systems designer and analyst

Intracom Telecom
<http://www.intracom-telecom.com>

Intranet site design and support
Web applications in PHP
Development of C# .NET application for automatic report generation

June 2006 – April 2007

Computer programmer

C2BII
<http://c2bii.com>

Logistics application development in MS Visual C# .NET and MS SQL Server.

PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](http://www.europa.europa.eu/education/languages/docs/cefr_en.pdf)

Computer skills

Programming Languages: C, C++, Java, C#
 Parallel programming: OpenMPI, MPICH2, OpenMP
 Web Development: HTML, PHP, Javascript, jQuery, CSS
 Scripting Languages: Bash, Perl, Python
 Databases: MySQL, Oracle, MS SQL Server
 Operating systems: Windows XP & 7, Linux (CentOS, Ubuntu, Fedora), MacOSX
 Office suites: Microsoft Word, Excel, Powerpoint

ADDITIONAL INFORMATION

Publications

1. A. Adam, C. Kalogeri, C. Spyrou, J. Athanaselis, S. Sofianos, G. Galanis and G. Kallos
 Offshore Energy Mapping for Northeast Atlantic and Mediterranean: MARINA PLATFORM project
 EGU General Assembly 2012, ERE1.2, Vienna, Austria, 22 – 27 April, 2012.
2. George Kallos, George Galanis, Christos Spyrou, Christina Mitsakou, Stavros Solomos, Nikolaos Bartsotas, Christina Kalogrei, Ioannis Athanaselis, Sarantis Sofianos, Vassios Vervatis, Panagiotis Axaopoulos, Alexandros Papapostolou, Jumaan Al Qahtani, Elyas Alaa, Ioannis Alexiou, and Daniel Beard
 An integrated weather and sea-state forecasting system for the Arabian Peninsula (WASSF)
 EGU General Assembly 2013, AS1.1, Vienna, Austria, 07 – 12 April 2013.

Honours and awards

Technological Educational Institute of Athens, Department of Informatics:
 Scholarship for high performance from State Scholarship Foundation (<http://www.iky.gr/en/>)
 First in the class of 2009

Contact persons

Professor George Kallos, University of Athens, Faculty of Physics
 e-mail: kallos@mg.uoa.gr
 tel: +30 2107276835

Antonis Georgiou, Managing Director of ACTA Ltd
 e-mail: ageo@acta.com.gr
 tel: +30 2106003302

Christos Albanis, Line Manager at Intracom Telecom
 e-mail: calb@intracom.gr
 tel: +30 6946462858, +30 2106671461