

Elena Valari

Curriculum Vitae

PERSONAL INFORMATION

Surname : Valari
Name : Elena
Address for correspondence : Iwakeim G' 31, Kalamaria P.C.
54634, Thessaloniki, Greece
Email : evalari@csd.auth.gr,
elenvalari@gmail.com
Telephone Number : +30 6958313989
Marital Status : Single
Date of birth : 11/11/1986

EDUCATIONAL CERTIFICATIONS

10/2008 – 02/2010	MSc in Information Systems, Department of Informatics, Faculty of Sciences, Aristotle University of Thessaloniki Grade: 9.5/10 [Excellent] Dissertation (MSc Thesis): "Community Detection in Biological Networks", written in JAVA
10/2004 – 09/2008	Diploma in the Department of Informatics (specialization on Information Systems and Digital Media), Aristotle University of Thessaloniki, Greece. Grade: 8.56/10 [Excellent] Dissertation (Diploma Thesis): "Knowledge Discovery in Biological Sequences microRNA", written in JAVA, C++
2001 – 2004	Certificate of Secondary Education & National Level Examinations; 1st High School of Kalamaria, Thessaloniki, Greece Grade: 18.8/20 [Excellent]

RESEARCH INTEREST

- Graphs, Data Streams, Data Mining and Knowledge Discovery, Data Stream Management Systems, Graph Theory, Neural Networks, Massive Data Analytics

WORKING EXPERIENCE

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| 2004 – 2010 | Private lessons on computers, mathematics and physics to children attending Primary, Lower Secondary and Upper Secondary School in Greece. Delivered private lessons to children that needed to improve their performance in school. Developed interpersonal and adaptation skills according to each child's unique personality and learned to be patient, persistent and compassionate towards children. |
| 2008 – 2011 | Private lessons on programming in JAVA and C++ to students of computer department in Aristotle University of Thessaloniki and Alexander Technological Institute of Thessaloniki. |
| 2012 - now | Research Consultant in IT projects/Programs at GeoImaging Ltd. Nicosia, Cyprus |
| 2012 - now | Developer in the T&Tnet (Travel & Transport solutions through emotional social NETWORKing), a national project co-funded by the national funding authorities, under AAL program (AMBIENT ASSISTED LIVING JOINT PROGRAMME) and the European Commission.
<i>Official Website:</i> http://ttnet-aal.eu/ |
| 2012 – now | Participation in FORSAT, a research project co-funded by the national funding authorities of the participating countries, namely Austria, Cyprus, Spain, Switzerland and Turkey, under EUROSTARS and the European Commission.
<i>Official Website:</i> http://www.forsat.eu/ |

TEACHING EXPERIENCE

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| 2012 – 2013 | Teaching assistant for the undergraduate course "Databases", 5th Semester, Computer Science Department, Aristotle University of Thessaloniki (AUTH) |
| 2011 – 2012 | Teaching assistant for the undergraduate course "Design of Algorithms", 4th Semester, Computer Science Department, Aristotle University of Thessaloniki (AUTH) |
| 2011 – 2012 | Teaching assistant for the undergraduate course "Databases", 5th Semester, Computer Science Department, Aristotle University of Thessaloniki (AUTH) |
| 2012 – 2013 | Teaching assistant for the undergraduate course "Design of Algorithms", 4th Semester, Computer Science Department, Aristotle University of Thessaloniki (AUTH) |

2013 – 2014

Teaching assistant for the undergraduate course "Databases", 5th Semester, Computer Science Department, Aristotle University of Thessaloniki (AUTH)

LANGUAGES

Greek	Mother Tongue
English	Fluent
French	Basic Knowledge

COMPUTER SKILLS

- **Programming Languages:** JAVA, C++, C, SQL, HTML, PHP, MySQL, PostgreSQL, CSS, PROLOG, JAVASCRIPT, jQuery, PYTHON, CLIPS
- **Environment in Experience:** UNIX / LINUX, OpenGL, RESTful APIs
- **Desktop Productivity Tools:** MS Office (Word, Excel, PowerPoint and Access), OpenOffice, LibreOffice, LaTeX
- **Designing Applications:** Autodesk Maya, Adobe Flash, Adobe Photoshop, Microsoft Visio
- **Other Programs:** Macromedia Dreamweaver, Microsoft Expression Web, Matlab, Mathematica, Gnuplot

SEMINARS – ADDITIONAL EDUCATION

- **MEETING:** "Money Show 2007", Entrepreneurship and Innovation, Department of Economics, Aristotle University of Thessaloniki, Hyatt Regency Thessaloniki (2/12/2007)
- **MEETING:** "Internet Security. Application of Modern Programs", Ministry of Education, Porto Palace Thessaloniki (12/4/2006)
- PhD Candidate in Department of Informatics at Aristotle University of Thessaloniki. Topic: "Graph Information Processing and Retrieval." Supervisor: Apostolos Papadopoulos, Assistant Professor of Aristotle University of Thessaloniki

PUBLICATIONS & RESEARCH ACTIVITY

Conference Publications:

- *E.Valari, M. Kontaki, A. Papadopoulos , " Discovery of Top -k Dense Subgraphs in Dynamic Graph Collection", Proceeding of the International Conference on Scientific and Statistical Database Management (SSDBM), 2012*

- *E. Valari, A. N. Papadopoulos: "Continuous Similarity Computation over Streaming Graphs", Proceedings of the European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD), Prague, Czech Republic, 2013.*

ACTIVITIES & COMPETENCIES

- Participation in two national student art competitions (2000 – 2001). In 2000, I took the second prize in this art competition.
- Hobbies: Drawing, Traveling, cinema, music, sports

HONORS

- Post-graduate scholarship from the Greek State Scholarship's Foundation.

REFEREES

- Ioannis Vlahavas, Professor of Aristotle University of Thessaloniki, Greece
E-mail Address: vlahavas@csd.auth.gr
- Apostolos Papadopoulos, Assistant Professor of Aristotle University of Thessaloniki, Greece
E-mail Address: papadopo@csd.auth.gr