

Ntousias Alexandros

PERSONAL DETAILS

Email	antousias@gmail.com
Website	http://ntousias.gr
Date and location of birth	14 July 1983, Larissa, Greece
Nationality	Greek
Languages	Greek (native) English (excellent – 1 year studies in London)

SKILLS

Operating Systems	Windows, Linux
Programming Languages	Java Core, Java EE, Python, C, C++, Scheme, Haskell, Prolog, Bash, SQL, ASM
Web	HTML, Flash, ActionScript, AJAX, JavaScript
DBMS	MySQL, MS SQL Server 2005, MS Access
Distributed Computing	RMI, CORBA, RPC, SOAP, REST, Hadoop, Map/Reduce
Other	UML, XML and XML Schema, RDF/RDFS, OWL, TCP/IP, UDP, VPN, Version Control (SVN and Mercurial), Build Tools (Ant and Makefiles), Testing (mostly with JUnit)

EDUCATION

2009 -2010: MSc in Software Systems Engineering. Department of Computer Science (<http://www.cs.ucl.ac.uk>), UCL (<http://www.ucl.ac.uk>).

- **Modules Taken:** Systems Requirements Engineering, Advanced Analysis & Design, Validation & Verification, Tools & Environments, Distributed Systems & Security, People & Security, Information Retrieval
- **Average Grade of Diploma:** Expected results in October 2010

2001 -2008: BEng in Electronic and Computer Engineering. Department of Electronic and Computer Engineering (<http://www.ece.tuc.gr/>), Technical University of Crete (<http://www.tuc.gr>).

- **Modules Taken:** Operating Systems, Databases, Compilers, Distributed Systems, Artificial Intelligence, Development of Information Systems & Applications in the Web, Neural Networks, Computational Theory, Principles of Programming Languages, Development Tools and Software Programming Systems, Computer Networks
(Full transcript with all modules is available upon request)
- **Average Grade of Diploma:** 7.75 out of 10
- **Diploma Thesis Title:** “Design and Implementation of System for Semantic Interoperability Between Cultural and Multimedia Applications”
- **Diploma Thesis Grade:** 10 out of 10

PUBLICATIONS

- 2008:** Ntousias A., Gioldasis N., Tsinaraki C., Christodoulakis S., **“Rich Metadata and Context Capturing through CIDOC/CRM and MPEG-7 Interoperability”**, In the Proceedings of the ACM International Conference on Image and Video Retrieval (CIVR), Niagara Falls, Canada, July 7-9 2008
- 2007:** Ntousias A., Gioldasis N., Tsinaraki C., Christodoulakis S., **“Semantic Interoperability Support between Cultural and Multimedia Environments”**, 2nd DELOS Conference On Digital Libraries, Tirrenia, Italy, December 2007
- 2007:** Ntousias A., Gioldasis N., Tsinaraki C., Christodoulakis S., **“Exploiting Cultural Heritage Documentation in Semantic Multimedia Annotations”**, In the Proceedings of the 2nd IEEE International Workshop on Semantic Media Adaptation and Personalization (SMAP 2007), London, UK, December 17-18 2007

WORK EXPERIENCE

2008 – 2009: Military Service on National Greek Army

Position: **Staff Manager Assistant**

Responsibilities:

- Representative of other soldiers to our superiors
- Assigning positions and delegating tasks
- Guidance of newly recruited

Skills acquired:

- Social skills due to everyday interaction with other soldiers and coping with their problems
- Ability to adapt in harsh environments

2007 – 2008: Laboratory of Distributed Multimedia Information Systems and Applications (MUSIC – <http://www.music.tuc.gr>), Technical University of Crete

Position: **Software Engineer and Researcher**

Responsibilities:

- Design and implementation of a system for semantic interoperability between cultural and multimedia applications, as part of the European project Delos II.
- Writing reports and research papers, presentations and coordination with the rest of the international development team.
- Technologies used: Java, RDF/RDFS, Jena Framework, Mpeg-7, CIDOC/CRM

Skills acquired:

- Programming and collaboration skills
- Working under pressure due to strict deadlines for deliverables and reports, according to project plan
- Writing technical reports and conference papers and giving presentations

INTERESTS

- Research Interests:**
- Web & software application development
 - Web services – Architectures & standards
 - Semantic web & semantic interoperability
 - Artificial intelligence
 - Distributed systems & applications
 - Relational & object databases

PROJECTS

Full list with all the projects undertaken (academic and personal) is available upon request.

REFERENCES

References are available upon request.