

Dimitrios-Georgios Akestoridis



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Education

Master of Science (M.Sc.) degree in Computer Science Oct. 2013 – Feb. 2016
Dept. of Computer Science and Engineering, University of Ioannina, Greece

- Specialization in Computer Systems
- Grade: 9.63 out of 10
- Thesis: “Evaluation of Routing Protocols for Opportunistic Networks with Multiple-Criteria Decision-Making Methods”

Bachelor of Science (B.Sc.) degree in Computer Science Sep. 2009 – Oct. 2013
Dept. of Computer Science and Engineering, University of Ioannina, Greece

- Ranked 2nd in graduating class of 18 students (173 students were enrolled in Sep. 2009)
- Grade: 8.20 out of 10
- Thesis: “Congestion Control with Adjustable Fairness in Opportunistic Networks”

Experience

Computer Systems Analyst Sep. 2016 – Present
Research and Informatics Corps, Hellenic Army, Greece

- Military service
- Served in the Artillery School and the Artillery Training Center
- Administered computer and network infrastructures
- Provided technical support

Visiting Researcher Jun. 2016 – Aug. 2016
School of Computer Science, University of St Andrews, United Kingdom

- Erasmus+ traineeship
- Analyzed wireless network traces from the CRAWDAD research data archive
- Performed text mining on research papers that use CRAWDAD datasets
- Developed a workflow to increase the utility of datasets

Research Assistant Oct. 2012 – Feb. 2016
Networks Research Group, University of Ioannina, Greece

- Developed core components of an opportunistic network simulator
- Wrote and reviewed research papers

Teaching Assistant Spring 2014 & 2015
Dept. of Computer Science and Engineering, University of Ioannina, Greece

- Assisted students in the laboratory sessions of the course “Computer Networks”
- Evaluated student assignments

Computer Support Technician

Oct. 2012 – May 2013

Systems Support Group, University of Ioannina, Greece

- Voluntary work
- Administered the computer systems of the educational laboratories
- Developed an automated administration system to ensure the smooth operation of the educational laboratories

Network Engineer

Jul. 2012 – Aug. 2012

Algosystems S.A., Athens, Greece

- Summer internship
- Installed, configured, and maintained Cisco systems
- Provided support to corporate customers

Publications

Journal Articles

- K. Magoutis, C. Papoulas, A. Papaioannou, F. Karniavoura, D.-G. Akestoridis, N. Parotsidis, M. Korozi, A. Leonidis, S. Ntoa, and C. Stephanidis, “Design and implementation of a social networking platform for cloud deployment specialists”, *Journal of Internet Services and Applications*, vol. 6, no. 1, 2015. DOI: 10.1186/s13174-015-0033-5.

Conference Papers

- D.-G. Akestoridis, N. Papanikos, and E. Papapetrou, “Exploiting Social Preferences for Congestion Control in Opportunistic Networks”, in *Proceedings of the 10th IEEE International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob)*, 2014, pp. 413–418. DOI: 10.1109/WiMOB.2014.6962204.

Posters

- D.-G. Akestoridis and T. Henderson, “Enabling useful data sharing through format identification and text mining”, Poster presented at *Repository Fringe 2016*, Edinburgh, UK, 2016. DOI: 10.6084/m9.figshare.3793152.v1.

Grants, Honors, and Awards

Erasmus+ Grant

Academic Year 2015 – 2016

Greek State Scholarships Foundation

Award for Academic Excellence

Academic Year 2014 – 2015

University of Ioannina

Award for Academic Excellence

Academic Year 2013 – 2014

University of Ioannina

Honorary Fellowship

Academic Year 2011 – 2012

Greek State Scholarships Foundation

Languages

Greek: Mother Tongue

English: Certificate of Proficiency in English (C2 level)

University of Michigan

German: Zertifikat Deutsch (B1 level)

Goethe-Institut

Selected Projects

Adyton is an event-driven network simulator, written in C++, for Opportunistic Networks (a.k.a. Delay-Tolerant Networks) that is capable of processing contact traces. The Adyton simulator supports a plethora of routing protocols and real-world contact traces, while also providing several congestion control mechanisms and buffer management policies. The source code is available online at <https://github.com/npapanik/Adyton> and <https://doi.org/10.15783/C7BG6V>.

cseuoi-thesis is a X_qLaTeX template for Master's theses and Ph.D. dissertations published at the Department of Computer Science and Engineering, University of Ioannina. The cseuoi-thesis template enables typesetting of Master's theses and Ph.D. dissertations in Greek, as well as in English, by using the xgreek package. The source code is available online at <https://github.com/vvdimako/cseuoi-thesis>.

Key Skills

Operating Systems: Microsoft Windows, Ubuntu, Android, Cisco IOS

Programming Languages: C, C++, Java, MATLAB, JavaScript, Python, Unix Shell

Parallel Computing: POSIX Threads, OpenMP, MPI

Version Control: Git, Mercurial

Miscellaneous: Microsoft Office, LaTeX, HTML, CSS, Gnuplot, Regular Expressions

Memberships

Institute of Electrical and Electronics Engineers (IEEE) 2014 – Present
Communications Society, Computer Society, and Vehicular Technology Society

Association for Computing Machinery (ACM) 2014 – Present
SIGCOMM, SIGMOBILE, and SIGSAC

References

Evangelos Papapetrou, Assistant Professor

Dept. of Computer Science and Engineering, University of Ioannina, Greece

Tristan Henderson, Senior Lecturer

School of Computer Science, University of St Andrews, United Kingdom

Vassilios V. Dimakopoulos, Associate Professor

Dept. of Computer Science and Engineering, University of Ioannina, Greece