

Dimitrios-Georgios Akestoridis

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Residence: Mountain View, California, USA

Carnegie Mellon University
NASA Ames Research Center
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Moffett Field, CA 94035, USA

Education

Ph.D. degree in Electrical and Computer Engineering

Carnegie Mellon University

Aug. 2017 – Exp. May 2022

Moffett Field, CA

- Employed on the Silicon Valley Campus
- Research focus on security and privacy in wireless networks

M.Sc. degree in Computer Science

University of Ioannina

Oct. 2013 – Feb. 2016

Ioannina, Greece

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

B.Sc. degree in Computer Science

University of Ioannina

Sep. 2009 – Oct. 2013

Ioannina, Greece

- Ranked 2nd in the graduating class
- Thesis: “Congestion Control with Adjustable Fairness in Opportunistic Networks”

Experience

Research Assistant

Mobile, Embedded, and Wireless Security Group, Carnegie Mellon University

Oct. 2017 – Present

Moffett Field, CA

- Working under the supervision of Prof. Patrick Tague

Computer Systems Analyst and Programmer

Research and Informatics Corps, Hellenic Army

Sep. 2016 – Jun. 2017

Nea Peramos, Greece

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

Visiting Researcher

School of Computer Science, University of St Andrews

Jun. 2016 – Aug. 2016

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

Networks Research Group, University of Ioannina

Oct. 2012 – Feb. 2016

Ioannina, Greece

- Developed core components of an opportunistic network simulator
- Worked under the supervision of Prof. Evangelos Papapetrou

Teaching Assistant

Dept. of Computer Science and Engineering, University of Ioannina

Spring 2014 & 2015

Ioannina, Greece

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

Computer Support Technician

Systems Support Group, University of Ioannina

Oct. 2012 – May 2013

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

Algosystems S.A.

Jul. 2012 – Aug. 2012

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

Greek State Scholarships Foundation

Academic Year 2015 – 2016

Award for Academic Excellence

University of Ioannina

Academic Year 2014 – 2015

Award for Academic Excellence

University of Ioannina

Academic Year 2013 – 2014

Honorary Fellowship

Greek State Scholarships Foundation

Academic Year 2011 – 2012

Key Skills

Operating Systems: Ubuntu, Android, Microsoft Windows

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

Parallel Computing: POSIX Threads, OpenMP, MPI

Version Control: Git, Mercurial

Miscellaneous: \LaTeX , 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