

Dimitrios-Georgios Akestoridis

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Residence: Mountain View, California, USA

Carnegie Mellon University
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Education

- | | |
|---|--|
| Ph.D. degree in Electrical and Computer Engineering
<i>Carnegie Mellon University</i> <ul style="list-style-type: none">Enrolled on the Silicon Valley campus | Aug. 2017 – Exp. May 2022
Moffett Field, CA |
| M.Sc. degree in Computer Science
<i>University of Ioannina</i> <ul style="list-style-type: none">Specialization in Computer Systems | Oct. 2013 – Feb. 2016
Ioannina, Greece |
| B.Sc. degree in Computer Science
<i>University of Ioannina</i> <ul style="list-style-type: none">Ranked 2nd in the graduating class | Sep. 2009 – Oct. 2013
Ioannina, Greece |

Research Experience

- | | |
|---|---|
| Research Assistant
<i>Mobile, Embedded, and Wireless Security Group, Carnegie Mellon University</i> <ul style="list-style-type: none">Research focus on network securityWorking under the supervision of Prof. Patrick Tague | Oct. 2017 – Present
Moffett Field, CA |
| Visiting Researcher
<i>School of Computer Science, University of St Andrews</i> <ul style="list-style-type: none">Erasmus+ traineeshipAnalyzed wireless network traces from the CRAWDDAD research data archivePerformed text mining on research papers that use CRAWDDAD datasets | Jun. 2016 – Aug. 2016
St Andrews, United Kingdom |
| Research Assistant
<i>Networks Research Group, University of Ioannina</i> <ul style="list-style-type: none">Developed core components of Adyton: an opportunistic network simulator written in C++Worked under the supervision of Prof. Evangelos Papapetrou | Oct. 2012 – Feb. 2016
Ioannina, Greece |

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.

Theses

- D.-G. Akestoridis, “Evaluation of Routing Protocols for Opportunistic Networks with Multiple-Criteria Decision-Making Methods,” Master’s thesis, Department of Computer Science and Engineering, University of Ioannina, 2016. [Online]. Available: http://www.cse.uoi.gr/tech_reports/publications/MT-2016-3.pdf.
- D.-G. Akestoridis, “Congestion Control with Adjustable Fairness in Opportunistic Networks,” Bachelor’s thesis, Department of Computer Science and Engineering, University of Ioannina, 2013. [Online]. Available: http://www.cse.uoi.gr/~epap/downloads/btheses/akestoridis_bsc_thesis.pdf.

Research Data

- D.-G. Akestoridis, “CRAWDAD dataset uoi/haggle (v. 2016-08-28): derived from cambridge/haggle (v. 2009-05-29),” [Online]. Available: <https://crawdad.org/uoi/haggle/20160828>, 2016. DOI: 10.15783/C7Z884.

Software Tools

- N. Papanikos, D.-G. Akestoridis, and E. Papapetrou, “Adyton: A network simulator for opportunistic networks,” [Online]. Available: <https://github.com/npapanik/Adyton>, 2018.

Professional Experience

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

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

Network Engineer

Algosystems S.A.

Jul. 2012 – Aug. 2012

Athens, Greece

- Summer internship
- Installed, configured, and maintained Cisco systems

Teaching Experience

Teaching Assistant

Dept. of Electrical and Computer Engineering, Carnegie Mellon University

Fall 2018

Moffett Field, CA

- Assisted 49 students of the graduate course “Mobile and IoT Security”
- Gave in-class tutorial and demo presentations

Teaching Assistant

Dept. of Computer Science and Engineering, University of Ioannina

Spring 2015

Ioannina, Greece

- Assisted 117 students of the undergraduate course “Computer Networks”
- Co-instructed the laboratory sessions

Teaching Assistant

Dept. of Computer Science and Engineering, University of Ioannina

Spring 2014

Ioannina, Greece

- Assisted 84 students of the undergraduate course “Computer Networks”
- Co-instructed the laboratory sessions

Grants, Honors, and Awards

Carnegie Institute of Technology Dean’s Fellowship

Carnegie Mellon University

Academic Year 2017 – 2018

Erasmus+ Grant <i>Greek State Scholarships Foundation</i>	Academic Year 2015 – 2016
Award for Academic Excellence <i>University of Ioannina</i>	Academic Year 2014 – 2015
Award for Academic Excellence <i>University of Ioannina</i>	Academic Year 2013 – 2014
Honorary Fellowship <i>Greek State Scholarships Foundation</i>	Academic Year 2011 – 2012

Memberships

Institute of Electrical and Electronics Engineers (IEEE) <i>Communications Society, Computer Society, and Vehicular Technology Society</i>	2014 – Present
Association for Computing Machinery (ACM) <i>SIGCOMM, SIGMOBILE, and SIGSAC</i>	2014 – Present