

Laertis LOUTSIS

PERSONAL DETAILS

DATE OF BIRTH: April 1988
EMAIL: laertisloutsis@gmail.com

WORK EXPERIENCE

APR. 2018 -	DevOps Engineer AT SG DIGITAL <ul style="list-style-type: none">- Maintaining and writing Ansible scripts for deployment to Dev/ QA/ UAT/ Stage and Production environments- Dockerizing applications & creating compose environments for development and testing purposes- Automation Engineer. Designing and supplying CI/CD solutions- Administering VM and AWS infrastructure
DEC. 2015 - APR. 2018	Software Engineer / SysAdmin AT I-DOCS <ul style="list-style-type: none">- Core Java/Java Spring Engineer for Output Management, Electronic Bill Presentment and Payment (eBPP), e-Invoices, multi-channel communications and Mail Solutions- SCM Administrator. Responsible for designing a suitable git branching model, migrating from svn to git and binding software development to Jenkins and Artifactory- Active Directory Administrator. Create and maintain AD- Vmware Administrator. Responsible for creating, updating and maintaining vmware hosts
MAR. 2014 - AUG. 2014	R&D Engineer / Postgraduate Research Assistant Systems Security Lab, Vrije University Amsterdam <ul style="list-style-type: none">- Sandbox Execution <i>Supervisor: Herbert Boss</i>
FEB. 2012 - NOV. 2014	R&D Engineer / Postgraduate Research Assistant Distributed Computing Systems Lab, FORTH-ICS <ul style="list-style-type: none">- HW & OS support for enhanced security- Improving <i>Intrusion Detection Systems</i> by utilizing traffic locality- Improving <i>Low Latency Anonymity Networks</i> against timing attacks <i>Supervisor: Adjunct Assoc. Prof. Sotiris Ioannidis</i>
JUN. 2010 - FEB. 2012	R&D Engineer / Undergraduate Research Assistant Distributed Computing Systems Lab, FORTH-ICS <ul style="list-style-type: none">- Analysing and detecting <i>Heap-Spraying</i> attacks- Leveraging <i>Detours</i>' trampoline functions to create memory footprints of Windows executables <i>Supervisor: Prof. Evangelos P. Markatos</i>
JUN. 2007 - JUN. 2010	IT Systems Administrator Transformation Services Laboratory (TSL), Computer Science Department (CSD) University of Crete (Uoc) <ul style="list-style-type: none">- User Administrator, System Maintenance <i>Supervisor: Prof. Christos Nikolau</i>

EDUCATION

- FEB. 2012 - NOV. 2014 M.Sc. in COMPUTER SCIENCE
Computer Science Department, University of Crete, Greece
Research Area: [Networks, Security and Distributed Systems](#)
Thesis: **Architectural Support for Instruction Set Randomization**
Supervisor: Prof. Evangelos P. Markatos
- SEP. 2006 - NOV. 2011 B.Sc. in COMPUTER SCIENCE
Computer Science Department, University of Crete, Greece
Thesis: **Analysis and Detection of Heap-Spraying Attacks**
Advisor: Prof. Evangelos P. Markatos

TEACHING EXPERIENCE

- FEB. 2012 - SEPT. 2014 *Teaching Assistant*, Computer Science Department, UoC
[CS255](#) - Software Technology Laboratory Spring 2012, 2013, 2014
[CS252](#) - Object-Oriented Programming Fall 2013
[CS120](#) - Digital Design Fall 2014

AWARDS

- FEB. 2012 - NOV. 2014 Graduate Research Scholarship, *FORTH-ICS*,
Adjunct Assoc. Prof. Sotiris Ioannidis
- OCT. 2010 - FEB. 2012 Undergraduate Research Scholarship, *FORTH-ICS*,
Prof. Evangelos P. Markatos
- SEP. 2007 - OCT. 2010 Student Scholarship, *TSL*,
Prof. Christos Nikolau

CONFERENCES & SEMINARS

- OCT. 2017 [Voxxed Days Athens 2017](#)
- NOV. 2013 **ACM Conference on Computer and Communications Security (CCS '13)**
Berlin, Germany
- JUN. 2013 *TRANSFORM Summer School*
on Research Directions in Distributed Computing
- JUN. 2011 4th Summer School on Network & Information Security
The Challenge of the Changing Risk Landscape
Jointly organized by [ENISA](#) and [FORTH](#)
- JUN. 2007 First International Workshop and Summer School On
Service Science, Management & Engineering

EXTERNAL SERVICE

- EXTERNAL 15th IEEE Global Internet Symposium; 17th International Conference on
REVIEWER Architectural Support for Programming Languages and Operating Systems
'12 ([ASPLOS](#)); 1st SysSec Workshop; 16th International IEEE Symposium on
Computers and Telecommunications '11 ([ISCC](#)); 18th International Conference
on Telecommunications '11 ([ICT](#)); 15th International Conference on Financial
Cryptography and Data Security '11 ([IFCA](#))

PUBLICATIONS

Antonis Papadogiannakis, *Laertis Loutsis*, Vassilis Papaefstathiou, Sotiris Ioannidis
[ASIST: Architectural Support for Instruction Set Randomization](#). In Proceedings of
the ACM Conference on Computer and Communications Security (CCS). November
2013, Berlin, Germany.

TECHINICAL SKILLS

DEVOPS	Ansible, Docker (Compose), Git, Maven, Jenkins, Artifactory, Vi
OPERATING SYSTEMS	LDAP, SMTP, Kerberos, Active Directory
PLATFORMS	Jira, ServiceNow, GitBlit, Stash, Bitbucket, Artifactory, Trello, Slack
PROGRAMMING LANGUAGES	C, Java
SCRIPTING LANGUAGES	UNIX shell/Bash, Sed, Awk, Make
WEB/MARKUP LANGUAGES	Jinja, Markdown, \LaTeX
RDBMS	MySQL, PostgreSQL
PAST EXPERIENCE	Linux Kernel, FPGA, VHDL, Verilog, C++, Matlab, Actionscript, Perl, Ruby, Python, GNU Toolchain, HTML, CSS, Javascript, PHP, Microsoft SQL Server, Elastic Stack

LANGUAGES

ENGLISH:	Cambridge Certificate of Proficiency in English (CPE) Michigan Certificate of Proficiency in English (ECPE)
GREEK:	Native

MILITARY SERVICE

FULL SERVICE: Nov. 2014 - Aug. 2015

REFERENCES

[Prof. Evangelos Markatos](#), FORTH-ICS (markatos@ics.forth.gr)
[Adjunct Assoc. Prof. Sotiris Ioannidis](#), FORTH-ICS (sotiris@ics.forth.gr)
[Alexios Glotis](#) CTO at I-DOCS (a.giotis@i-docs.com)