

CURRICULUM VITAE

Lampros I. Mastorakis

PERSONAL INFORMATION

Name
Lampros I. Mastorakis
Date of Birth
Athens, July 25th 1988
Nationality
Greek

CONTACT DETAILS

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EDUCATION

Technical University of Crete (TUC), Chania, Greece
School of Electronic and Computer Engineering

Oct 2006 - Oct 2014

DIPLOMA THESIS

"Cloud Intelligent Monitoring Atmosphere Technology"
A Cloud technology based system for monitoring atmosphere conditions using environmental sensors. The architecture implementation combined services and resources provided by Cloud infrastructures exclusively

FIELDS OF COMPUTER AND ELECTRONIC ENGINEERING KNOWLEDGE

Computer Science
Structured and object-oriented programming, database management, web and mobile based application development, semantic web, distributed information systems, large-scale web information and information retrieval systems, operating systems, algorithms and complexity

Cloud computing
Resource virtualization techniques, VM and guest OS management, Infrastructure, Platform and Software as a Service development (IaaS, PaaS, SaaS), Service Oriented Architecture (SOA), Internet of Things networks (IoT)

Telecommunications
Computer networks, telecommunication systems and processing information cross-layer design, data broadcasting over IP and wireless networks

Electronics and Computer Architecture
Design, implementation and analysis of analog and digital electrical - electronic systems, design at high levels of integration (VLSI, FPGA, etc.)

Automated and Control Systems
Systems theory, automatic and optimal control, neural networks, fuzzy logic

COMPUTER SKILLS

Programming Shell scripting, C, Java, Perl, Python

Web Development PHP5, Javascript, HTML5, CSS3, Bootstrap, REST-APIs, Jersey, data formats (JSON, XML, CSV)

Cloud Platforms: Openstack, FI-WARE, FI-LAB GEs & SEs

DBM Systems Oracle SQL & PL/SQL, MongoDB, PostgreSQL

Web/Application servers Apache 2, Tomcat, Solr, Nutch

Operating Systems Unix(AIX, Solaris), Linux, Windows

Semantic web & Ontologies Protégé, SPARQL

Hardware Programming VHDL, Xilinx, Assembly, PcSpim

IDEs Netbeans, Eclipse, Toad for Oracle, Visual Studio

OTHER SKILLS

- Good knowledge of Ericsson BSCS iX
- Intimacy of Telecom Billing & Rating architectures
- Strong knowledge of client/server network topology
- Knowledge of administration on UNIX platforms
- Aware of server clusters, physical server architecture
- A bit of Android programming using Android SDK

EXPERIENCE

ICT Application Support Engineer

COSMOTE Mobile Telecommunications S.A.

Nov 2015 – Present
Athens, Greece

T-Mobile's (TMNL) RBP domain technical support, Ensuring the orderly - seamless automated operations of TMNL's services, Design and Development respecting new services requirements, Testing and Production environment deployment

Incident – Impact analysis and immediate solution delivery (24/7 as standby Engineer), Accountable for the Problem Management of TMNL's Rating & Billing operations

Utilization of Ericsson BSCS iX Rating & Billing architecture, System/Unix Environment administration, Oracle Relational Database management and configuration

Greek Army - Computer Programmers' School

Server administration, Local area network maintenance and Web-application developing

May 2015 – Aug 2015
Athens, Greece

Greek Army - 29th Infantry Brigade's Research
and Computer science office

Information technology, Local area network maintenance and Military grid reference mapping

Dec 2014 - May 2015
Komotini, Greece

Intelligent Systems Laboratory – Technical University of Crete

As a Research Engineer of Intelligent System Laboratory (Intelligence) team under supervision of professor Euripidis G.M. Petrakis. Working on services of modern Intelligent Systems, Openstack platform and Virtualization technologies on Cloud Computing area

Sep 2013 – Oct 2014
Chania, Greece

Piagkalakis P.G. - Civil Engineer's Technical Office

Working as a student on Topographic digital mapping and Digital terrain models design (Autocad Civil 3D), Network solutions and Back-office tasks

Jun 2012 – Aug 2013
Chania, Greece

LANGUAGES

English

Advanced Level Certificate in English,
University of Michigan

Greek

Native speaker

SCIENTIFIC INTERESTS

- Sound engineering and digital audio processing
- Human-Computer Interaction & UI Principles as general interest
- Free and open source Software
- Internet of Things
- Quantum mechanics (a bit of)

GENERAL INTERESTS

- Playing music in a band and listening to great music
- Reading sociology and fantasy literature
- Cinema
- Watching rugby & basketball