George Kiritsas

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Education

2013 - Present National Technical University of Athens
School of Electrical and Computer Engineering
Computer Science major

2007 – 2012 Degree
TEI of Athens
Faculty of Technological Applications
Department of Informatics
Grade: 7.04 / 10
Degree Thesis: "Internet Mobility"
Supervisor: Assistant Prof. Iphigenia Founta
Degree: 10 / 10
Description: Thesis involved studying of mobility related protocols of
TCP/IP stack, in order to find the optimal solution to internet mobility.
A new application layer protocol was designed as a solution to mobility
in file transfer applications. Moreover a file transfer application was
created in order to implement and test the aforementioned protocol.

Expertise

Systems Layer	C, C++
Parallel Computing	MPI, POSIX Threads, OpenMP, CUDA
Distributed Systems	Physical Clocks, Logical Clocks, Synchronization, Data Replication, P2P Protocols, Hadoop, HDFS, MapReduce
Networking	TCP/ IP, BSD Sockets, Addressing, Subnets, VLANs, BGP, Routing, MPLS, Network Security, Intrusion Detection Systems, VoIP, Network Monitoring (Nagios, HP OpenView), Software Defined Networking (SDN), OpenFlow

Web Development	PHP, Java EE, Python, Django, Flask, Jinja, CSS, HTML, JavaScript
Databases	ER Model, Relational Model, Normalization, ACID Principle, Concurrent Transactions, Distributed Databases, Recovery Schemes, MySQL, SQLite
GUI Development	Java SE (AWT, Swing, MVC), Qt
Mobile Development	Android
Functional Programming	ML, Haskell
Operating Systems	Threads, Locks, Semaphores, Virtual Memory, Virtual Machines, Linux Configuration, Shell Scripting

Projects

Patient Medical Record	Technologies Used: Django, Bootstrap, HTML, CSS, JavaScript
Inventory Management System	Technologies Used: Java SE (Swing, MVC), MySQL
File Transfer Application	Technologies Used: Qt (GUI, Threads, Sockets, Asynchronous Programming)

Work Experience

2012	Internship GRNET Network Operations Center **Description:** Role involved monitoring GRNET Panhellenic network, as well as its peerings with Europe. My job also involved troubleshooting and communication with company's clients

Foreign Languages

English:	Certificate of Proficiency in English, Cambridge Certificate of Proficiency in English, Michigan
French:	DELF B2
German:	A2