

# George Kiritsas

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**Date of Birth:** 04 March 1988  
**Place of Birth:** Marousi, Attiki  
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## Education

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- 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

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Systems Layer  
Parallel Computing  
Distributed Systems

Networking

C, C++  
MPI, POSIX Threads, OpenMP, CUDA  
Physical Clocks, Logical Clocks,  
Synchronization, Data Replication, P2P  
Protocols, Hadoop, HDFS, MapReduce  
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

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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

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<b>2012</b>	Internship GRNET Network Operations Center <b>Description:</b> Role involved monitoring GRNET Panhellenic network, as well as its peerings with Europe. My job also involved troubleshooting and communication with company's clients
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## Foreign Languages

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<b>English:</b>	Certificate of Proficiency in English, Cambridge Certificate of Proficiency in English, Michigan
<b>French:</b>	DEL F B2
<b>German:</b>	A2

