George Kiritsas

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| **Address:** | Maditou 18, Perissos |
| **Date of Birth:** | 04 March 1988 |
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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 | 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

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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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| **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

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