

CONTACT INFORMATION	Dept. of Computer Science University of Cyprus Nicosia Cyprus	<i>Office:</i> +357 22892662 <i>Mobile:</i> +357 99844045 <i>E-mail:</i> <a href="mailto:gnik@cs.ucy.ac.cy">gnik@cs.ucy.ac.cy</a> <i>www:</i> <a href="http://gnik.me">http://gnik.me</a>
GENERAL INFORMATION	<b>Date of Birth:</b> 17 March, 1987 <b>Citizenship:</b> European Cypriot <b>Languages:</b> English (fluent spoken & written), Greek (native)	
QUALIFICATIONS AND RESEARCH INTERESTS	Mobile computing, Mobile Internet and Context-aware services, Web 2.0 technologies, RESTful Services, Databases / Big Data Management, Privacy and Security, Grid and Cloud computing	
EDUCATION	<b>University of Cyprus</b> , Nicosia, Cyprus	
	Ph.D. Student, Computer Science	September 2013 - Today
	<ul style="list-style-type: none"> <li>• Research / Teaching Assistant: <i>Data Management System Laboratory (DMSL)</i></li> </ul>	
	M.Sc., Computer Science	September 2011 - May 2013
	<ul style="list-style-type: none"> <li>• Thesis Topic: <i>Experimental Evaluation of applications performance while parallely executed in Virtual Machines</i></li> </ul>	
	B.Sc., Computer Science	September 2007 - May 2011
	<ul style="list-style-type: none"> <li>• Basic principles and recent developments in the organization and programming of computer systems and networks.</li> </ul>	
PROFESSIONAL EXPERIENCE	<b>Data Management Systems Laboratory (DMSL)</b> , Nicosia, CY	
	<i>Research Assistant</i>	<b>September 2013 to present</b>
	<ul style="list-style-type: none"> <li>• Supervisor: Assistant Professor Demetris Zeinalipour-Yazti</li> <li>• Indoor positioning clustering algorithms and systems.</li> <li>• Supervision of graduate and undergraduate students.</li> </ul>	
	<i>Back-end / Front-end Development</i>	<b>September 2013 to present</b>
	<ul style="list-style-type: none"> <li>• Worked as a back-end and front-end development on various projects. Illustrative projects: <ul style="list-style-type: none"> <li>– Participated in the development process of Anyplace, an indoor information service offering GPS-less localization, navigation and search inside buildings using ordinary smartphones. More: <a href="http://anyplace.cs.ucy.ac.cy">http://anyplace.cs.ucy.ac.cy</a></li> <li>– Implemented the MOVE - Knowledge Discovery from Moving Objects initiative (COST Action IC0903) webpage. More: <a href="http://move-cost.info">http://move-cost.info</a></li> </ul> </li> </ul>	
	<b>Data Management Systems Laboratory (DMSL) - T.C. Geomatic LTD (Cyprus)</b> , Nicosia, CY	
	<i>Lead Developer</i>	<b>November 2013 to November 2014</b>
	<ul style="list-style-type: none"> <li>• Lead role in the development of a map engine library and mobile application. Engine library includes a map control of Geomatic maps on Windows Phone 8, iOS and Android and interacts with a RESTful API.</li> <li>• The library was used to build the <b>Recycling Cy</b> application for Greendot and AFIS on Windows Phone, iOS and Android. The application provides all the necessary information someone needs, in order to participate in the packaging recycling program and in the battery recycling program.</li> <li>• Designed and developed Geomatic Map Engine Library Control and <b>Recycling Cy</b> application for Windows Phone 8. Helped on design and development for Android platform. Guided the design and development for iOS and Android.</li> </ul>	



### ImagineCup 2011 Nation Wide Winners

- Designed and developed iDOC Windows Phone application for the ImagineCup 2011.
- iDOC aims to make medical information easily and freely accesible to everyone through their mobile device in order to provide guidance and navigating directions to their nearest doctors. More info available on this [video](#).

### 2nd place at Microsoft WOWZAPP Worldwide Hackathon 2012

- Implemented a Social Radio application for Windows Phone 8 and Windows 8 (metro).

### HARDWARE AND SOFTWARE SKILLS

#### Computer Programming:

- Programming Languages:
  - C, C++, C#, Java, Python, Matlab, PHP, Sell scripting, SQL, Pascal
- Mobile Development:
  - Windows Phone, Windows 8 (Metro), Android, Titanium Studio, PhoneGap
- Web Programming:
  - Javascript, jQuery, HTML/HTML5, CSS/CSS3, AJAX, JSON, XML, XAML, RESTful Web Services (APIs), Social Media APIs (i.e. Facebook, Twitter)
- Software Unit Testing and Browser Automation Frameworks:
  - JUnit, unittest
- Databases:
  - Relational Databases: MySQL, SQLite, MSSQL
  - NoSQL Databases: CouchDB, Couchbase
- Frameworks:
  - MVC Frameworks: ASP.NET, Play
- Server Administration:
  - HTTP Servers: Apache, Nginx, Lighttpd
  - Load Balancers: HAProxy
  - Database Servers: MySQL, CouchDB, Couchbase
  - Virtual Environments: vSphere, vCenter, Workstation, XEN

#### Information/Internet Technology:

- Networking:
  - UDP, TCP, ARP, DNS, Dynamic routing
- Services:
  - SQL, POP, IMAP, SMTP
- Network Tools:
  - Fiddler
  - WireShark
- Network Simulators:
  - OPNET

#### Version Control and Software Configuration Management:

- GitHub, TFS, VCS (CVS, SVN)

#### Productivity Applications:

- Programming
  - Visual Studio, ReSharper, IntelliJ IDEA, PHPStorm, PyCharm, Android Studio, Eclipse and other most common productivity packages (for Windows, MAC OS and Linux Platforms), Blend, Expression Design, Illustrator
- Writing
  - $\text{T}_{\text{E}}\text{X}$  ( $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ ,  $\text{B}_{\text{I}}\text{T}_{\text{E}}\text{X}$ ), Microsoft Office, OpenOffice

#### Cloud Platforms:

- Azure, DigitalOcean

#### Operating Systems:

- Microsoft Windows family, Mac OS X, Linux (Ubuntu, CentOS) and other UNIX variants

CONFERENCE  
PUBLICATIONS

- [1] “HPC performance domains on multi-core processors with virtualization”, Panayiotis Petrides, **George Nicolaides**, Pedro Trancoso, Architecture of Computing Systems - ARCS 2012 - 25th International Conference, Munich, Germany
- [2] “A Distributed Spatio-Temporal Similarity Search Framework using Android-based Smartphones (demo)”, C. Costa, C. Christoforou, **G. Nicolaides**, D. Papadiomidous, C. Laoudias, D. Zeinalipour-Yazti, The 9th Hellenic Data Management Symposium(31THDMS 201031T), Ayia Napa, Cyprus, June 30th - July 3rd, 2010.

OTHERS

**Invited Participant**

- 2<sup>nd</sup> Microsoft Technologies Workshop, Nicosia, Cyprus, July, 2013
  - Microsoft SQL Server Instructor.
- 5<sup>th</sup> Computer Science Workshop for High School Students, Nicosia, Cyprus, March, 2013
  - Presented on-going research projects.
- 1<sup>st</sup> Microsoft Technologies Workshop, Nicosia, Cyprus, July, 2012
  - Windows Phone 7.5 Instructor.

SERVICE

Stack Overflow Contributor:

- [Profile](#)

6<sup>th</sup> Logipaignion Game Programming Contest for middle and high-school students 2014

- Website developer and social media manager.