

Zygouras Nikolaos

E-mail: zygouras@gmail.com

Nationality: Greek

1. Education

<i>2014-today</i>	National & Kapodistrian University of Athens Supervisor: Prof. Dimitrios Gunopulos Ph.D. Candidate in Computer Science, Dept. of Informatics & Telecom. Area: “Mining Mobility Data”
<i>2011- 2012</i>	University of Edinburgh Msc Artificial Intelligence
<i>2005-2010</i>	University of Patras, Greece Diploma in Computer Engineering and Informatics (honors degree),
<i>2005</i>	Varvakeio High School, Athens

2. Special Knowledge of Informatics

<i>Languages:</i>	Java, C, C++, Python
<i>Web Development:</i>	PHP, html, css, javascript
<i>Mathematical Tools:</i>	Matlab, R, Octave
<i>Databases:</i>	mySQL, SQLite, MongoDB
<i>Platforms:</i>	Microsoft Windows and Linux, Eclipse IDE, NetBeans IDE
<i>Machine Learning Tools:</i>	Weka, Netlab, Gaussian Processes
<i>CEP Tools:</i>	Esper
<i>Stream Processing Frameworks:</i>	Storm, TUD-Streams

3. Publications

- Nikos Zacheilas, Vana Kalogeraki, Nikolas Zygouras, Nikolaos Panagiotou, and Dimitrios Gunopulos, *Elastic Complex Event Processing exploiting Prediction*. In Big Data (Big Data), 2015 IEEE International Conference.
- Zygouras N., Zacheilas N, Kalogeraki V., Kinane D., Gunopulos D. *Insights on a Scalable and Dynamic Traffic Management System* in Proc. of 18th EDBT, Brussels, Belgium, March 2015(accepted)
- Kinane D., Schnitzler F., Mannor S., Liebig T., Morik K., Marecek J., Gorman B., Zygouras N., Katakis Y., Kalogeraki V., Gunopulos D. [Intelligent Synthesis and Real-time Response using Massive Streaming of Heterogeneous Data \(INSIGHT\) and its anticipated effect on Intelligent Transport Systems \(ITS\) in Dublin City, Ireland.](#) In Proceedings of the 10th ITS European Congress, Helsinki, 2014.
- Theodoromanolakis P, Zygouras N, Mantas J, *First aid manual in an android environment*, Studies in Health Technology and Informatics [2013, 190:163-165]

4. Professional Experience

2013-2015	Software Developer/Researcher in EU funded project INSIGHT
2016-present	Software Developer/Researcher in EU funded project VaVeL

5. Teaching Assistant

2013-2014	Design of Databases
2014-2015	Software Development for Algorithmic Problems
2014-2015	Computational Geometry

6. Additional Details

- Fulfilled Military Obligations (11/10-08/11)
- Reference Letters Available Upon Request