

Petros Manousis

Computer Science and Engineering
University of Ioannina
Phone: +306974986725
e-mail: pmanousis@gmail.com
Born: 1985 — Ioannina, Greece

Current position

Phd candidate - Department of Computer Science and Engineering, University of Ioannina, Hellas. Subject: “Evolution and maintenance of data ecosystems” (supervisor: As. Prof. Panos Vassiliadis).

Education

- 2009-2012 MSc in Computer Science, University of Ioannina.
2003-2008 BSc in Computer Science, University of Ioannina.

Working experience

- 2016-today Software engineer in Astiko K.T.E.L. N. Ioanninon S.A.
 – Data contributor of the web page software.
 – Creator and administrator of a new web page for “Vipbus” subsidiary of Astiko K.T.E.L. N. Ioanninon S.A. company.
 – Creator of software related to the ERP of the company.
 – Creator of position related software.
 – Creator of mobile application related software.
- 2016 Teleworking software engineer in Efficient, Thessaloniki.
 – Modifying Logata (<http://www.logata.com/>) logistic software for Logata’s worldwide clients.
- 2013-2014 Technical support in Department of Computer Science, University of Ioannina, Hellas.
 – Information technology management.
 – User and Network administration.
 – Software sustainability.
- 2009-2010 Software engineer in Natech, Ioannina.
 – Software maintenance and evolution for the BOS (ERP software).
 – Software maintenance and evolution for the MyFleet (fleet management software).
 – Software maintenance and evolution for the CSB2 (bank management software).
- 2008-2009 Software engineer in Siemens Integrated Services, Athens.
 – Software maintenance and evolution for the HFA protocol (Siemens’s H323 prototype).
 – Software maintenance and evolution for the SNTP protocol.
 – Software maintenance and evolution for the SOCKET handler of the voip server.
 – Software maintenance and evolution for the PPP protocol.
 – Software maintenance and evolution for the VCAPI interface.

- 2007-2008 Technical support in Department of Computer Science, University of Ioannina, Hellas.
- User and Network administration.
 - Software sustainability.
 - Hardware repairs.

Teaching experience

- 2011-2011 Tutoring lessons for the “Probability” course in the Computer Science department of the University of Ioannina.
- 2009-2010 Correction of exercises for the “Probability” courses in the Computer Science department of the University of Ioannina that were conducted during the winter semesters.

Languages

- English First Certificate (University of Cambridge).
- Greek Native.

Technical skills

- Programming C++, C, Java, SQL, PHP, QML, JavaScript, C#, Flex, Bison.
- Software PostgreSQL, Sqlite, Oracle, MySQL, Microsoft Sql Server, Qt5, Qt4, Qt3, Git, Subversion, Latex, GNU tools, Drupal, Apache, Blender, Scribus, Valgrind, Joomla, ClearCase, Visual C#.
- OSs Linux, Windows, Solaris, BlackBerry 10, Android, Maemo.

Repository

- Github <https://github.com/pmanousis>

Mobile applications

- BlackBerry 10 <https://appworld.blackberry.com/webstore/vendor/88695/>

Scholarships

- 2015 Research and Innovation Center in Information Technologies “Athena”. Conduction of research on “Theoretical and algorithmic foundation for person-centered Collaborative Information Systems”.

- 2013 Research and Innovation Center in Information Technologies “Athena”. Conduction of research on “Theoretical and algorithmic foundation for person-centered Collaborative Information Systems”.
- 2013 Department of Computer Science, University of Ioannina, Hellas. Conduction of tutorial and laboratory exercises, as well as supervision of examinations and correction of exercises.

Awards

- 2013 2nd place in innovation contest Οδύσσειες Καινοτομίας.

Participation Seminars & Code camp

First and Second seminar circles of Free/Open Source Software Unit of Excellence Ioannina.
 First Code camp of Free/Open Source Software Unit of Excellence Ioannina.

Social activities

- Epirotic association of juvenile diabetes (ΠΙΕΝΔΙ).
- 2013-2015 Chairman of the board. Publisher of the magazine: “Το βήμα της ΠΙΕΝΔΙ”.
- 2009-2011 Publisher of the magazine: “Το βήμα της ΠΙΕΝΔΙ”.
- 2007-2009 Chairman of the board.
- 2005-2007 Member of the board.
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- Non profitable association Merimna (Μέρμυνα).
- 2013-2015 Member of the board.
- 2008-2009 Head of an creative center for children with disabilities.
- 2008-2009 Member of the board.

Research interests

Database evolution, Software evolution.

Publications

- [1] GKESOULIS, D., VASSILIADIS, P., AND MANOUSIS, P. Cinecubes: Aiding data workers gain insights from OLAP queries. *Inf. Syst.* 53 (2015), 60–86.
- [2] KONTOGIANNOPOULOU, E., MANOUSIS, P., AND VASSILIADIS, P. Visual maps for data-intensive ecosystems. In *Conceptual Modeling - 33rd International Conference, ER 2014, Atlanta, GA, USA, October 27-29, 2014. Proceedings (2014)*, E. S. K. Yu, G. Dobbie, M. Jarke, and S. Purao, Eds., vol. 8824 of *Lecture Notes in Computer Science*, Springer, pp. 385–392.
- [3] MANOUSIS, P., VASSILIADIS, P., AND PAPASTEFANATOS, G. Automating the adaptation of evolving data-intensive ecosystems. In *Conceptual Modeling - 32th International Conference,*

- ER 2013, Hong-Kong, China, November 11-13, 2013. Proceedings (2013), W. Ng, V. C. Storey, and J. Trujillo, Eds., vol. 8217 of Lecture Notes in Computer Science, Springer, pp. 182–196.
- [4] MANOUSIS, P., VASSILIADIS, P., AND PAPASTEFANATOS, G. Impact analysis and policy-conforming rewriting of evolving data-intensive ecosystems. *J. Data Semantics* 4, 4 (2015), 231–267.
- [5] MANOUSIS, P., VASSILIADIS, P., ZARRAS, A. V., AND PAPASTEFANATOS, G. Schema evolution for databases and data warehouses. In *Business Intelligence - 5th European Summer School, eBISS 2015, Barcelona, Spain, July 5-10, 2015, Tutorial Lectures (2015)*, E. Zimányi and A. Abelló, Eds., vol. 253 of Lecture Notes in Business Information Processing, Springer, pp. 1–31.
- [6] MANOUSIS, P., ZARRAS, A. V., VASSILIADIS, P., AND PAPASTEFANATOS, G. Extraction of embedded queries via static analysis of host code. In *Advanced Information Systems Engineering - 29th International Conference, CAiSE 2017, Essen, Germany, June 12-16, 2017, Proceedings (2017)*, E. Dubois and K. Pohl, Eds., vol. 10253 of Lecture Notes in Computer Science, Springer, pp. 511–526.