

Orestis - Napoleon EVANGELATOS

Post-Doctoral Researcher – IT project chief

(+41) 078 804 98 40
orestevangel@gmail.com

Rue des Buis 10, 1202
Geneva, Switzerland

Education

- 2015** **Ph.D. in Computer Science**
University of Geneva, Switzerland – Computer Science Department
Doctoral dissertation: Efficient Algorithms, Architectures, and Implementations in Internet of Things and Smart Environments.
- 2010** **Diploma Ing. (equiv. M.Sc.) in Computer Engineering and Informatics**
Polytechnic University of Patras, Greece – Computer Engineering and Informatics Department
Master thesis: Sensor networks applications in urban environments.
- 2008** **Participation in European Exchange Program – Master Level**
Karlsruhe Institute of Technology, Germany – Computer Science Department
Studies focused on hardware design, embedded systems and sensor networks.

Professional experience

- 01/2015 to present** **Senior Research & Development Engineer - Project chief**
University of Geneva, Switzerland – Computer Science Department
Managing the University of Geneva team and working as R&D Engineer in the IT research project “SwissSenseSynergy” funded by the *Swiss-National-Science-Foundation (SNSF)* and consulting the project as a whole. The project aims at providing a unifying framework for secure localisation and privacy-preserving location-based IT services for end-users.
- 10/2013 to present** **Senior Research & Development Engineer - Project chief**
University of Geneva, Switzerland – Computer Science Department
Directing the University of Geneva team and working as R&D Engineer in the IT research project “IoT Lab” funded by the *European FP7 IT Innovation Programme* and consulting the project as a whole. Its objective is to research the potential of crowdsourcing and Internet of Things for multidisciplinary research and experiments with more end-user interactions.
- 01/2013 to present** **Financial and Administration Chief**
University of Geneva, Switzerland – Computer Science Department
Managing the financial planning, organization and registration processes of the annual international conferences of IEEE “Distributing Computing on Sensor Systems” (DCoSS) and “Random-Approx”.

- 10/2010 to present** **Research & Development Engineer**
University of Geneva, Switzerland – Computer Science Department
Analyzing, optimizing, researching and implementing algorithms, architectures and innovative IT systems focusing on Smart and Efficient Buildings, Crowdsourcing and Crowdsensing, Internet of Things and Sensor Networks.
- 10/2010 to present** **Teaching Assistant**
University of Geneva, Switzerland – Computer Science Department
Giving courses in the fields of Computer Networks, Formal Languages, Software and Computer Networks, Distributed Algorithms for Wireless Sensor Networks.
- 09/2014 to 07/2015** **Professor in Computer Science**
Circle of Greek Studies – Geneva, Switzerland
Teaching of Computer Science and Software Programming in a school in Geneva and in Lausanne.
- 10/2010 to 07/2013** **Junior Research & Development Engineer**
University of Geneva – Switzerland
Developing systems as R&D Engineer and managing the University of Geneva team in the research program “HOBNET” funded by the *European FP7 IT Innovation Programme*. The project aimed at designing and developing an innovative platform for Smart Buildings of the future Internet.
- 01/2013 to 06/2013** **Junior Embedded Software Engineer**
University of Geneva – Switzerland
Engineering and implementing the project “Wireless Sensor Network Laboratory (WSN Lab)” funded by the Swiss “Nano-tera” program. The project’s target was to amplify and extend the use of the existing WSN infrastructure to support programming and experimentation exercises in wireless sensor networks.
- 11/2009 to 08/2010** **Radio Operator**
Hellenic Army – Florina, Greece
Monitoring and maintaining the telecommunication, radio systems and the IT infrastructures at a military facility.
- 09/2007 to 01/2008** **Sales & Product Marketing Assistant**
Multirama S.A. – Patras, Greece
Advising customers and being responsible of the product logistics in a chain-store of electronics and informatics.
- 04/2006 to 09/2006** **Electrical Assistant**
Moustakis Electrical Installations – Patras, Greece
Carrying out electrical and network installations and maintaining IT network services in buildings’ constructions.

Languages

Greek:	Native language	Italian:	B2, Upper Intermediate
English:	C2, Proficiency	Polish:	A2, Elementary
French:	C1, Advanced	Spanish:	A1, Beginner
German:	B2, Upper Intermediate		

Additional Information

Operating Systems: Windows, Ubuntu, Contiki OS

Programming Languages: C, C++, C#, Java, MySQL, Assembly

Driving Licenses: A, B

Activities: Informatics, electronics, photography, chess, sailing...

Professional Website: <http://tcs.unige.ch/doku.php/user/evangela>

References

- Professor José Rolim – Director of Informatics Department of University of Geneva.
T. 022 379 09 65
E. jose.rolim@unige.ch
- Professor Sotiris Nikolettseas – Department of Computer Engineering and Informatics, University of Patras, Greece.
T. +30 261 099 69 65
E. nikole@cti.gr
- Architect Patrick Henriques – Project manager and work director, d2 architectes et associés SA, Geneva
T. 022 332 44 70
E. henriques@d2architectes.ch
- Dr. Soula Drizou – Vice directrice of Cercle d'Etudes Grecques, Geneva and Lausanne.
T. 079 716 19 28
E. soula.drizou@gmail.com

Scientific Research Publications

- **Orestis Evangelatos**, Kasun Samarasinghe and José Rolim; *Evaluating design approaches for smart building systems*, in Mobile Adhoc and Sensor Systems (MASS), 2012 IEEE 9th International Conference on. IEEE, 2012, pp. 1–7.
- **Orestis Evangelatos**, Kasun Samarasinghe and José Rolim; *Syndesi: A framework for creating personalized smart environments using wireless sensor networks*, in Distributed Computing in Sensor Systems (DCOSS), 2013 IEEE International Conference on. IEEE, 2013, pp. 325–330.
- **Orestis Evangelatos** and José Rolim; *Airwise - an airborne wireless sensor network for ambient air pollution monitoring*, in Proceedings of the 4th International Conference on Sensor Networks (SENSORNETS), 2015, pp. 231-239.
- Constantinos M. Angelopoulos, Julia Buwaya, **Orestis Evangelatos** and José Rolim; *Traversal strategies for wireless power transfer in mobile ad-hoc networks*, in Proceedings of the 18th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM), Mexico, 2015, ACM.
- Constantinos M. Angelopoulos, **Orestis Evangelatos**, Sotiris Nikolettseas, Theofanis P. Raptis, José Rolim and Konstantinos Veroutis; *A user-enabled testbed architecture with mobile crowdsensing support for smart, green buildings*, in IEEE International Conference on Communications (ICC), UK, June 2015.
- Anna Stahlbrost, **Orestis Evangelatos**, Srdjan Krco, Sebastien Ziegler, Constantinos M. Angelopoulos, Sotiris Nikolettseas and Theofanis P. Raptis; *Understanding crowdsourcing modes and crowd motivators*, in Proceedings of the 14th International Society for Professional Innovation Management (ISPIM) Conference, Hungary, June 2015.
- Stevan Jokic, Anna Rankov, Joao Fernandes, Michelle Nati, Sebastien Ziegler, Theofanis P. Raptis, Constantinos M. Angelopoulos, Sotiris Nikolettseas, **Orestis Evangelatos**, José Rolim and Srdjan Krco; *lot lab crowdsourced experimental platform architecture*, in 5th International Conference on Information Society and Technology (ICIST), Kapaonik, Serbia, 2015.
- Andreea Hossmann-Picu, Zhongliang Zhao, Zan Li, Torsten Braun, Constantinos M. Angelopoulos, **Orestis Evangelatos**, José Rolim, Michaela Papandrea, Kamini Garg, Silvia Giordano, Aristide Tossou, Christos Dimitrakakis and Aikaterini Mitrokotsa; *Synergistic user - context analytics*, Ohrid, R. Macedonia, October 2015.