Georgios Rizos

EXPERIENCE

Research Assistant **Dec-2013 - Jul-2017**
CERTH, Information Technologies Institute (ITI), Thessaloniki, Greece
- Machine learning, graph mining for social media research.
- Participation in EC projects: STEP H2020, REVEAL FP7.
- User requirements adaptation, R&D, project deliverables, integration.
- Participation in plenary meetings and collaboration with senior partners: end users, researchers and software (web/integration) engineers.

Intern Software Developer **Mar-2012 - May-2012**
Veltio Greece Ltd, 17 Georgikis Sholis Ave., Pylaia, Thessaloniki, Greece
- C++/Python library development. (STL, Boost C++, NumPy/SciPy)

EDUCATION

Imperial College of Science, Technology and Medicine **Oct-2017 - currently**
PhD, Computing
Subject: *Curiosity and Data-Efficiency in Reinforcement Learning via Bayesian Neural Networks.*
Advisor: Dr. Björn Schuller
- Been awarded the prestigious, full President's scholarship by Imperial College.
- Working as a teaching assistant.

Imperial College of Science, Technology and Medicine **Sep-2012 - Sep-2013**
MSc, Biomedical Engineering, (77/100, Distinction)
Dissertation: *Model-based Reinforcement Learning for Closed-Loop Drug Delivery*
Advisor: Dr. Aldo A. Faisal
- POMDP hidden state estimation via drug kinetic models and particle filtering.

Aristotle University of Thessaloniki **Sep-2005 - Jul-2012**
MEng, Electrical and Computer Engineering, (7.59/10, Merit)
Dissertation: *Fast Local Correlation Coefficients (FLCC) Library* - @AUTh or @Duke
Advisor: Dr. Nikos P. Pitsianis
- High-performance, multi-threaded signal processing. (pthreads, CUDA, FFTW)
- Two-person close cooperation project.

PUBLICATIONS

journal
Rizos, G., Papadopoulos, S., & Kompatsiaris, Y. (2017, March).
Multilabel User Classification Using the Community of Online Networks.
In *PloS one* (2016 IF: 2.806)

conference / workshop
Rizos, G., Papadopoulos, S., & Kompatsiaris, Y. (2016, April).
Predicting News Popularity by Mining Online Discussions.
In *Proceedings of the 25th International Conference Companion on World Wide Web*
Papamakarios, G., ***Rizos, G.***, Pitsianis, N. P., & Sun, X. (2009, August).
Fast computation of local correlation coefficients on graphics processing units.
In *SPIE Optical Engineering+ Applications*

conference - no proceedings
Rizos, G., Papadopoulos, S., & Kompatsiaris, Y. (2015, June).
Learning to Classify Users in Online Interaction Networks.
Presented in *ICCSS 2015*, Helsinki, Finland

CONFERENCE REVIEWING
I have been a PC member for the following conferences/workshops:
SocInfo '14,'15,'16,'17, *COMPSAC/HCSC* '16,'17,'18(to be) *WWW/SNOW* '16,'17, *ESCSS* '17, *ICCSS* '18.

I have also officially subreviewed via EasyChair papers for:
MMM '15, *ECIR* '15,'17, *ICMR* '17.

JOURNAL REVIEWING

IJA - International Journal of Approximate Reasoning (IF: 2.696): 1 manuscript
IS - Information Systems (IF: 1.832): 1 manuscript
ISTE - Iranian Journal of Science and Technology, Transactions of Electrical Engineering (IF: 0.107): 1 manuscript

HONORS, AWARDS & SCHOLARSHIPS

- Awarded the full President's scholarship, Imperial College London, 2017
- Offered the full HiPEDS CDT scholarship, Imperial College London, 2017.
- Distinction in MSc in Biomedical Engineering, Imperial College London, 2013.
- Awarded funding for short industrial placement, Aristotle University Thessaloniki, 2012
- *The Great Moment for Education*: Award for outstanding performance in the National Exams, Eurobank EFG Group, Greece, 2005.

TEACHING

I helped as a Graduate Teaching Assistant in the following courses:
Probability and Statistics, 2nd year Computing UG, Imperial College London, 2018
Computational Techniques, 2nd year Computing UG, Imperial College London, 2018

COMPUTER SKILLS

1. *Languages:* python, c/c++, matlab
2. *Data Analysis:* numpy, scipy, sklearn, pandas, networkx
3. *Deep Learning:* keras, tensorflow, lasagne, theano
4. *Visualization:* matplotlib, seaborn
5. *Other:* Ubuntu, LaTeX, MongoDB, Docker