



# PANAGIOTA TSELENTI

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## 1. EDUCATION

- 16 November 2017 **PhD in Computer Science** from Kingston University UK with thesis title *"Improving Accuracy of Recommender Systems Through Triadic Closure"*.
- 24 November 2004 **MSc in Data Communications** (with commendation) from Kingston University UK.
- 28 June 1995 **BSc in Automation Engineering**, from Technological Education Institute of Piraeus, Greece

## 2. PROFESSIONAL EXPERIENCE

- 2/3/2018-today Laboratory Teaching Staff at the Software and Information Systems division of the Information & Computer Engineering department, of the University of West Attica
- 31/01/2018-01/03/2018 Laboratory Teaching Staff at the Signals and Systems division of the Computer Systems Engineering department, of Piraeus University of Applied Sciences.
- 15/11/2017-30/01/2018 Laboratory Technical Staff in Signals and Systems division of the Computer Systems Engineering department, of Piraeus University of Applied Sciences.
- 23/03/2017-15/11/2017 At the department of Computer Systems Engineering at Piraeus University of Applied Sciences.
- 11/11/2015-23/03/2017 Department of Expenditures Dept at Piraeus University of Applied Sciences.
- 01/04/2001-10/11/2015 Informatics Dpt of TEI of Piraeus supporting the used of software applications by the various Administration offices as also SQL programming of the databases of the applications
- 01/06/1997-07/04/2001 At the Library Dept of TEI of Piraeus for network administration as also for organising and implementing seminars for bibliographic research.
- 1/11/1997-17/5/2000 Administrative experience in numerous subsidized operational programs for the Vocational Training Center (KEK-KSE) of TEI of Piraeus, with various duties such as preparation tasks, general coordination, trainee's selection, general administrative

support, design of informational flyers, program promotion.

1995

Internship at the Multimedia Laboratory of TEI of Piraeus

### 3. TEACHING EXPERIENCE

2018-today	Teaching Courses in Information & Computer Engineering Dept, University of West Attica: <ul style="list-style-type: none"><li>• Robotics (Theory, Lab)</li><li>• Information retrieval (Theory, Lab)</li><li>• Natural Language Processing (Theory, Lab)</li><li>• Artificial Intelligence (Lab)</li></ul>
2006-2015	<b>“Multimedia and Internet Technologies”</b> for the MSc program για το ΠΜΣ Τεχνολογίες της Επικοινωνίας και της Πληροφορίας για την Εκπαίδευση του Τμήματος Εκπαίδευσης και Αγωγής στην Προσχολική Ηλικία, Πανεπιστημίου Αθηνών σε συνεργασία με το Τμήμα Ηλεκτρονικής του TEI Πειραιά.
2009-2014	<b>“Research Methods I”</b> και <b>“Research Methods”</b> for the MSc in Networking and Data Communications of Kingston University, UK in collaboration with TEI of Piraeus.
2005–2010	<b>“Software Quality Technology”</b> for the MSc in Quality Management of Paisley University, UK in collaboration with TEI of Piraeus.
2001, 2004	<b>“Software Quality Technology”</b> for the specialization program "Production Management: Quality-Quality Management" at TEI of Piraeus.
2004	<b>“Information Systems”</b> for the MSc in Advanced Industrial & Manufacturing Systems of Kingston University, UK in collaboration with TEI of Piraeus.
2003-2005	<b>“Multimedia Design”</b> for the MSc in E-Commerce Technologies of Kingston University, UK in collaboration with TEI of Piraeus.
2001-2006	<b>“Information Systems”</b> for the MSc Management in Construction of Kingston University, UK in collaboration with TEI of Piraeus.
2001	<b>“Estimating, purchasing and cost control”</b> for the MSc Management in Construction of Kingston University, UK in collaboration with TEI of Piraeus.
2001-2010	Laboratory assistant in <b>“Multimedia Technologies”</b> Lab of Automation Department of TEI of Piraeus

1995-97                      Laboratory assistant in **“Industrial Controllers PLC”** Lab of Automation Department of TEI of Piraeus

1996-2000                    604 total hours of teaching-training in numerous seminars for various Vocational Training Centers such as KEK-KSE of TEI of Piraeus, NELE Piraeus, ELKEPA, KEK ASPA.

#### 4. CERTIFICATES

2007                              Certification in “Adult Education” from EKEPIS with registration number EB09244, and subcategory of Certified ICT Trainers and Basic Computer Skills.

#### 5. SEMINARS ATTENDING

November 2012                **“Social Network Analysis”** MOOC through Coursera.org

November 2010                **“Content Management System, Joomla”**, 35 hours at the Institute of Training on behalf of the National Center for Public Administration and Local Government.

November 2007                **“SQL/PLSQL”**, 35 hours at the Institute of Training on behalf of the National Center for Public Administration and Local Government.

February 2007                **“Adult Education”**, 300 hours at KEK EFKLIDIS from 21/08/2006 until 11/02/2007 through the project “Training Trainers of Continuing Vocational Training”.

Δεκέμβριος 1995            **“Automation control systems in production”**, 300 hours at ELKEPA, 18/10/1995-29/12/1995.

Φεβρουάριος 1994           **“Information Technology-Multimedia”**, 300 hours at TEI of Piraeus, December 1993-February 1994

#### 6. LANGUAGES

- English, PhD at Kingston University UK, Lower Certificate of Cambridge
- Italian, CELLI 3 del’ Università di Perugia

#### 7. FURTHER EDUCATION

1995                      Piano Diploma with distinction and 2<sup>nd</sup> prize (National Conservatory of Athens)

1991                      Piano degree with “concession of virtuosity degree” (National Conservatory of Athens)

1990 Bachelor of Higher Special Theory of Music Harmony (National Conservatory of Athens)

## **8. THESIS SUPERVISION**

Thesis supervision for the Postgraduate programs of study:

### **MSc in Information and Communication Technologies in Education**

- "Exploiting cloud computing in education", Maria Gotsi (September 2013)
- "Discovering Mythology-an educational multimedia application for the 3<sup>rd</sup> Junior", Vanessa Antoniou (October 2012)
- "Development of educational software for Gipsy students of the 1<sup>st</sup> and 2<sup>nd</sup> Junior", Alefantinou Vassiliki, (November 2011)
- "The role of new web technologies (web 2.0) in education", Abraham Xatzopoulos, (June 2011)

### **MSc in Management in Construction**

- "The advantages of information systems in construction management", Popi Galani (September 2006)
- "Advanced information systems & web applications for construction management", Arion Laaris (September 2005)
- "Education of engineers on issues in construction safety and health with use of multimedia", Stamatis Kapsalis (September 2005)
- "Website for environmental impacts: preliminary environmental impact assessment studies, environmental impact assessment, approval procedures of the environmental terms of a project", Evaggelia Zigouri (September 2004)

### **MSc in e-Commerce Technologies**

- "Personalized Adaptive e-Learning and Mobile Services", Xanthi Sirakou (September 2005)
- "Adopting quality in e-learning environments", Maria Stathopoulou (September 2005)

### **MSc in Data Communications**

- "Personalisation in Mobile Services", Dimitra Vraka (2010)
- "PLC automation and compiler development for PLC distance learning", Nikolaos Kypriotis (2008)

BSc Thesis co-supervision with Professor C. Alafodimos for the Automaton Departments of TEI of Piraeus:

- "Mobile phone services and applications", Nick Stergiou (November 2006)
- "Multimedia application with the automata of Hero of Alexandria" Pentzos, Hatzakis (2006)
- "Virtual tour of the curriculum of the Automation Departments", Dimitris Saragas (July 2005)
- "e-Lab development with the use of new technologies" Maria Manoli (June 2003)
- "Learning PLC through new technologies", Nick Larios (September 2002)

## 9. PUBLICATIONS

1. Athanasios Tzimourtas, Spyros Bakalakos, Panagiota Tselenti, Athanasios Voulodimos, "An exploration on text classification using machine learning techniques", Proceedings of the 25th Pan-Hellenic Conference on Informatics, November 2021, pp. 247-249
2. Panagiota Tselenti, Konstantinos Danas, Olympia Lazaridou, "Inferring and calculating trust for trust-based recommendations", Proceedings of the 22nd Pan-Hellenic Conference on Informatics, November 2018, pp. 10–15
3. Panagiota Tselenti, Konstantinos Danas, "Trust-based Recommendations through Triadic Closure", Presented in 7th International Conference on Information, Intelligence, Systems and Applications (IISA 2016), Chalkidiki, 13-15 July 2016.
4. Panagiota Tselenti, Konstantinos Danas, "A Review of Trust-Aware Recommender Systems Based on Graph Theory", Proceedings of the First International Conference on Computer Science, Computer Engineering, and Social Media, pp. 1-12, Thessaloniki 2014.
5. D. Papachristos, V. Tsoykalas, C. Alafodimos, P. Tselenti, L. Mattheu, "Educational Model of the merchant marine engineers' continuous education with the use of asynchronous distance education", Proceedings CBLIS 2007, TEI Κρήτης, Ιούλιος 2007
6. C. Alafodimos, P. Kikilias, P. Tselenti, "Digital Library Services and Research", workshop "From the Information Society to the Knowledge Society", Syros, 18 - 19 October 2007.
7. C. Alafodimos, P. Tselenti, "New Technology in New Educational Methods", 3rd International Conference on "New Horizons in Industry and Education", Santorini, 28-29 August 2003.

8. C. Alafodimos, P. Kikilias, P. Tselenti, G. Chamilothis, "Use of Distance Learning and New Technologies in Lifelong Learning", Journal of Applied Research Review TEI of Piraeus, vol. V, No 1, Piraeus 2000.
9. C. Alafodimos, P. Kikilias, P. Tselenti, G. Chamilothis "Use of New Technologies in PLC Teaching", Scientific Journal of Applied Research in Technology and Automation, Vol. I, No1, Athens 2000.
10. E. Doutsouli. C. Alafodimos. P. Kyriazopoulos, P. Tselenti, "Learning Greek Language through multimedia technology", Workshop proceedings: "The Organizational Impact of Telematics", Athens, Octobers 1995.

## 10. THESIS TITLES

- PhD Thesis: **"Improving Accuracy of Recommender Systems through Triadic Closure"**, 2017.
- MSc Thesis **"Telecommunication services composition in the semantic web"**, 2004.
- BSc Thesis **"Automatic meteorological conditions station"**, 1995.