

CURRICULUM VITAE

Fotios Panagiotopoulos

Personal information:

Date of birth: 11/11/1974

Gender: Male

Citizenship: Greek



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Department of Management Science and Technology

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Short profile:

Fotios Panagiotopoulos was born in Athens in November 1974. He is married, has two children and lives in Kavala. He received his B.Sc. degree from the Department of Electronic Engineering of Technological Educational Institution of Athens in 2003 and the M.Sc. degree in Management Science and Information Systems of the Department of Information Management of Technological Educational Institution of Kavala in 2013. From October 1996 to April 2006, he worked as an Electronic Engineer in the IT Company Pouliadis and Associates. From October 2006 to April 2007, he worked as an Electronic Engineer at Power Services. From May 2007 to June 2009, he worked as an Electronic Engineer at Enter Computers. In July 2009 he was appointed as Special Technical Staff in the Information Management Department of the Technological Educational Institution of Kavala. In September 2014 he was elected as a Laboratory Teaching Staff in the Department of Business Administration of Technological Educational Institution Eastern Macedonia and Thrace. In May 2019 he was elected as a Laboratory Teaching Staff in the Department of Management Science and Technology of International Hellenic University. In May 2024 he was elected as a Laboratory Teaching Staff in the Department of Management Science and Technology of Democritus University of Thrace. He is the author or co-author of 8 research papers at journals and international conferences. His research interests focus on Digital Image Processing and Video Sequences, Statistical Processing of Digital Information, Databases and Information Systems, Robotics and Human interaction and Decision-Making Support Systems. He has many years of teaching experience in Higher Education and has written teaching notes. He speaks and writes English well and mediocre Italian.

Education:

02/07/2021 - today: PhD Candidate on doctoral dissertation: "Computational methods for optimizing solutions in resource management problems". Department of Management Science & Technology / Democritus University of Thrace

2013: MSc Management Science and Information Systems. Department of Information Management / Technological Educational Institution of Kavala

2003: B.Sc Electronic Engineer. Department of Electronic Engineering of Technological Educational Institution of AthensΕκπαίδευση:

Work experience:

2019 - Current: Laboratory Teaching Staff of Department of Management Science and Technology / Democritus University of Thrace

2019 - 2024: Laboratory Teaching Staff of Department of Management Science and Technology / International Hellenic University

2014 - 2019: Laboratory Teaching Staff of the Department of Management Business / T.E.I. Eastern Macedonia and Thrace

2013 - 2014: Special Technical Laboratory Staff of the Department of Management Business / T.E.I. of Eastern Macedonia and Thrace

2009 - 2013: Special Technical Staff of the Information Management Department / T.E.I. of Kavala

2007 - 2009: Telecommunications and computer engineer of ENTER COMPUTERS (Deligiannidis Panagiotis)

2006 - 2007: Electronic Engineer of the company's power supply system's Power Services (Stampas Demosthenes)

1996 - 2006: Head of EPSON & HP Department, Technical Support Manager, Printer Engineer of Pouliadis and Associates

Scientific and research interests:

My research interests focus on:

- Human resource management algorithms
- Applications of intelligent algorithms in Business Research problems
- Computer Programming
- Robotics and Human interaction
- Decision Support Systems
- Digital Image Processing and Video Sequences
- Databases and Information Systems
- Nanoelectronics
- Digital forensics

Research and development projects

- Technical Staff for MSCA RISE project with the acronym CybSPEED “Cyber-Physical Systems for pedagogical rehabilitation in special education
- 2024 to present: Technical Support for the Master's Programs titled "Information Systems" and "Digital Marketing" at Democritus University of Thrace.
- 2014 to 2024: Technical Support for the Master's Programs titled "Information Systems" and "Digital Marketing" at the International Hellenic University.
- 15/07/2024 to 31/12/2024: Participation in the core research team in the project "THE SMART ENERGY EDGE BOX ENABLING DISTRIBUTED ALS FOR LOW-COST ENERGY MANAGEMENT APPLICATIONS." The project is being implemented within the framework of the National Recovery and Resilience Plan "Greece 2.0," with funding from the European Union – NextGenerationEU
- 06/10/2022 - 28/02/2023: Participation in the core research team in the project "Computer Vision and AI Algorithms Edge Computation on UAVs (edgeAI4UAV)" 2022-2023, funded through the European Excellence Network "AI4Media – A European Excellence Center for Media, Society and Democracy" (www.ai4media.eu) from the European Research Program "Horizon 2020."
- 01/01/2018 - 31/12/2021 Participation as a researcher in the project “Cyber Physical Systems for Pedagogical Rehabilitation in Special Education”. H2020-MSCA-RISE-2017 (Marie Skłodowska-Curie Research and Innovation Staff. Project No. 777720)
- 01/01/2015 - 31/07/2015: Responsible for technical support of the Certification Center for Educators' Skills and the Training Support Center of the Eastern Macedonia and Thrace Institute of Technology (TEI).
- 15/03/2018 - 28/09/2018: Technical support for video recording of the project "Development of Social Enterprises and Enhancement of Employment, acronym SoSEDEE" ("Support of Social Enterprises Development and Enhancement of Employment").
- 1/3/2012 - 30/9/2012: Software development for the project "Development of Digital Services of the Eastern Macedonia and Thrace Institute of Technology (TEI)."

Teaching experience:

Postgraduate laboratory courses:

- Winter Semester 2024-2025
 - Information and Communication Technologies in Digital Marketing and Web Design and Interoperability, master's Program: "Digital Marketing".
 - Information Systems and Digital Innovation, master's Program: "Information Systems".
- Spring Semester 2023 – 2024

- Recent Advances in Information Systems and Web Programming, master's Program: "Information Systems".
- Education through New Technologies, master's Program: "Teaching of Sciences and Modern Technologies"
- Content Marketing and Management, Social and Mobile Marketing, Web and Social Media master's Program: "Digital Marketing".

Undergraduate courses:

2024 – Present: Department of Management Science and Technology / Democritus University of Thrace of the undergraduate laboratory courses:

- Computer Programming I (Java),
- Computer Programming II (Python),
- Databases,
- Introduction to Computer Science.

2019 – 2024:

Department of Management Science and Technology / International Hellenic University of the undergraduate laboratory courses:

- Computer Programming I (Java),
- Computer Programming II (Python),
- Databases,
- Introduction to Computer Science.

2010 - 2019: T.E.I. Eastern Macedonia and Thrace / In the Departments of Administration Business / Computer Engineering / Information Management

Undergraduate laboratory courses

- Computer architecture
- Information Management on the Internet
- Databases
- Electronic Commerce and Internet Applications
- Operating Systems
- Management Information Systems
- Digital forensics investigation

Computer and software skills:

- Web development and programming using PHP, JavaScript, CSS, and HTML.
- Programming using Java and Python.
- Analysis and design of databases (SQL)
- Web Developer Tools
- Design and creative computer skills

Languages:

- Greek (native)
- English level B2
- Italian level A2

Δημοσιεύσεις:

International Peer Reviewed Journals:

[1] **Panagiotopoulos F.K.**, Mardiris V.A., Chatzis V., “Quantum-dot cellular automata design for median filtering and mathematical morphology operations on binary images”, Lecture Notes in Computer Science 7495 LNCS, pp. 554-564, 2012

Peer-reviewed International Conference Proceedings:

[1] **Panagiotopoulos F.**, Fragidis L., Chatzis V. “A Nurse Reallocation method for successful change management during Electronic Health Record systems implementations” In 27th Pan-Hellenic Conference on Progress in Computing and Informatics with International Participation, PCI 2023, ACM International Conference Proceeding Series, 2023, pp. 150–155

[2] Kaburlasos V.G., Vrochidou E., **Panagiotopoulos F.**, Aitsidis C., Jaki A. “Time series classification in cyber-physical system applications by intervals’ numbers techniques.” In: IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2019). pp. 125–130. , New Orleans, Louisiana, USA ,2019.

[3] Jaki Alexander, Aitsidis Charalampos, **Panagiotopoulos Fotios**, Maditinos Dimitrios, (2019) : Development of a financial model in a business: The case of a company in plastics industry, Financial Studies, ISSN 2066-6071, Romanian Academy, National Institute of Economic Research (INCE), "Victor Slăvescu" Centre for Financial and Monetary Research, Vol. 23, Iss. 4 (86), pp. 21-38, Bucharest, 2019.

[4] G.A Papakostas, A.K. Strolis, **F. Panagiotopoulos**, C.N. Aitsidis, “Social Robot Selection: A Case Study in Education”, 26th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), pp. 1-4, Split, 2018.

[5] E. Vrochidou, M. Manios, G.A. Papakostas, C.N. Aitsidis, **F. Panagiotopoulos**, “Open-Source Robotics: Investigation on Existing Platforms and Their Application in Education”, 26th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), pp. 1-6, Split, 2018.

[6] E.Vrochidou, M. Manios, V. G. Kaburlasos, **F. Panagiotopoulos**, C. Aitsidis, V. Ferelis, “Design of social robots using open-source robotic platforms”, Proceedings of the International Conference on Robotics & Mechatronics and Social Implementations, pp. 21-26, Varna, Bulgaria, 2018.

[7] Chatzis V., **Panagiotopoulos F.**, Mardiris V., “Face to Iris Area Ratio as a feature for children detection in digital forensics applications”, Digital Media Industry and Academic Forum, DMIAF 2016 - Proceedings, art. no. 7574915, pp. 121-124, Santorini, 2016.

[8] Chatzis V., Kitsikoglou M., **Panagiotopoulos F.** & Mardiris V., "Factors affecting consumer intention to use internet for food shopping", in Proceedings of Management of International Business and Economic Systems (MIBES) International Conference, Thessaloniki, Greece, 2014.

Άλλες Δημοσιεύσεις

Other publications

Xanthopoulos Ioannis, **Panagiotopoulos Fotios**, "The connection between specific demographic characteristics and skills related to Technological Knowledge in the context of the B1 Level training program ICT "MAGAZINE" NEOS PEDAGOGOS "20th Issue September 2020

Xanthopoulos Ioannis, **Panagiotopoulos Fotios**, "The perceptions of secondary education teachers regarding the integration of ICT in educational process, in the field of TG, after the completion of the training B1Level "MAGAZINE" NEOS PEDAGOGOS "20th Issue September 2020