

CURRICULUM VITAE

PERSONAL INFORMATION

LAST NAME: PANTELI
NAME: ANTIOP
DATE OF BIRTH: NOVEMBER 15th, 1990
PLACE OF BIRTH: PATRAS, GREECE
GENDER: FEMALE
MARITAL STATUS: SINGLE
CITIZENSHIP: GREEK

CONTACT INFO

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EDUCATION / STUDIES

- **10/2022 – present: Postdoctoral Researcher** at the Department of Electrical Engineering and Computer Technology of the University of Patras, in the scientific field of "Use of Machine Learning algorithms for the processing and analysis of brain (EEG) and visual activity (eye-tracking) data. Application to interactive systems".
Keywords: EEG, eye-tracking, Brain-Computer Interfaces (BCI).
- **06/2012 – 03/2019: PhD in the “Application of clustering techniques to demand covering models”**, Department of Business Administration, University of Patras.
(Thesis Link location: <http://hdl.handle.net/10442/hedi/45217>)
Keywords: Operation Research, Facility Location, Demand Covering, Machine Learning, Data Mining, Clustering, Recommender Systems.
- **10/2015 – 06/2016: MSc in “Applied Economics and Data Analysis”**, Department of Economics, University of Patras.
Diploma Grade: 9.57
Diploma Thesis on "Evaluation of algorithms for solving the p-center problem" with an evaluation of 10/10.
(Link location: <http://hdl.handle.net/10889/9885>)
- **10/2012 – 06/2014: Master's Degree in "Pharmaceutical Marketing"**, Faculty of Sciences and Health, Department of Pharmacy, University of Patras.
Diploma Grade: 9.55.
Diploma Thesis on "Pharmacy Electronic Data Processing Systems and their relationship with Pharmaceutical Care" with an evaluation of 10/10.
Primary research on pharmacists who owned or worked in pharmacies from all over Greece and

data processing with statistical packages (SPSS, AMOS).

(Link Location: <http://hdl.handle.net/10889/8625>)

- **09/2008 – 06/2012:** Bachelor's Degree in Business Administration, University of Patras.
Degree grade: 9.59, Rank: 1st
Bachelor Thesis on "The use of clustering techniques in the solution of demand coverage models" with an evaluation of 10/10.

PROFESSIONAL EXPERIENCE

- **07/2016 - present:** Administrative Staff in Public Power Corporation (DEH) S.A., Corporate Clients Department of Patras.

RESEARCH EXPERIENCE – PARTICIPATION IN RESEARCH PROGRAMS

- **11/2021 – 02/2022: Research in the field of Recommender Systems** within the framework of the program REGIO_GNOSIS.
Contracting authority: Special Account for Research Funds (ELKE) of the University of Patras.
- **08/2019 - 11/2019: Expert in Recommender Systems with applications in Medical Tourism** on behalf of the company YOUR IDEAS BUSINESS KNOWLEDGE MANAGEMENT SYSTEMS Ltd.
Project "In-MedTour", implemented within the INTERREG V/A "GREECE - ITALY (EL - IT) 2014-2020 program.
Contracting authority: Special Account for Research Funds (ELKE) of the University of Patras.
Responsibilities: Creation of a recommender subsystem with the aim of matching the preferences/needs of medical tourists (users profiles) with medical/tourism providers.
- **08/2013 - 10/2015: Researcher of Data Mining Techniques in the field of Recommender Systems with a project contract within the framework of the PAVEFS Research Program, funded by the European Union , with subject:**
 - o the Design and Creation of a Model Support System for People with Autism based on an **Intelligent Information System** and
 - o Knowledge Dissemination through:
 - its Pilot Use in selected autism organizations and
 - the organization of Information Days open to the public**Implementation Agency:** University of Patras (Special Account for Research Funds)

TEACHING EXPERIENCE

○ AUTONOMOUS TEACHING EXPERIENCE

- **10/2022 - 09/2023:** Teaching in the scientific field of *Information Technology* within the framework of "Acquisition of Academic Teaching Experience for Young Scientists Holders of a Doctorate 2021-2022 for the University of Patras".
Undergraduate Courses:
 - 1). Computer Programming (Java) – fall semester
 - 2). Satellite Accounts Systems – fall semester**Master's Courses:**
 - 1). Business Intelligence Systems – spring semester

- **10/2021 - 09/2022:** Teaching in the scientific field of *Information Technology* within the framework of "Acquisition of Academic Teaching Experience for Young Scientists Holders of a Doctorate 2021-2022 for the University of Patras".

Undergraduate Courses:

- 1). Computer Programming (Java) – fall semester
- 2). Electronic Government – spring semester

Master's Courses:

- 1). Business Intelligence Systems – spring semester
- **03/2021 - 05/2021 (spring semester):** Teaching based on the P.D. 407/80 in the *undergraduate* course of the Department of Business Administration of the University of Patras "**Management Information Systems**".
 - **03/2020 – 08/2020 (spring semester):** Teaching based on the P.D. 407/80 in the *undergraduate* course of the Department of Business Administration of the University of Patras "**Management Information Systems**".
 - **11/2019 – 01/2020 (winter semester):** Teaching based on the P.D. 407/80 in the *postgraduate* course of the Department of Business Administration of the University of Patras "**Management Information Systems**", **MBA**.
 - **04/2019 – 06/2019 (spring semester):** Teaching based on the P.D. 407/80 in the *undergraduate* course of the Department of Business Administration of the University of Patras "**Electronic Commerce, Business Strategy Planning and Transactions Security**".

- **SUPPLEMENTARY TEACHING EXPERIENCE**

- **Academic years 2013-2019 & 2022-2023:** Supportive teaching in the subject of Microsoft Access for the needs of the "Databases" course for the Department of Business Administration of the University of Patras. Examination and evaluation of students.
- **Academic years 2013-2023:** Supportive teaching in the subject of Microsoft Access for the needs of the course "Management Information Systems" of the Master's Program in "Business Administration - (MBA)" of the Department of Business Administration of the University of Patras. Examination and evaluation of students.

PERSONAL SKILLS AND ABILITIES

LANGUAGES

MOTHER LANGUAGE: Greek.

OTHER LANGUAGES: English, French, Spanish.

- English Excellent knowledge: Certificate of Proficiency in English, Michigan (2006).
- French Excellent knowledge: Diplôme Approfondi de Langue Française Dalf C2 (2015)
- Spanish a) Good knowledge: State Language Certificate level B2 (2010).
b) Good knowledge: Diploma de Espanol como lengua extranjera - nivel intermedio (2010).

COMPUTER SKILLS

- **ECDL Core Certificate** (2004) for MS Windows and MS Office Programs: Word, Excel, Access, Powerpoint and Internet.
- Knowledge of **AIMMS (CPLEX)** Program.

- Knowledge of **ProSim & AIØ WIN**® Business Software Programs.
- Knowledge of **SPSS** Statistical Processing and Data Analysis Program.
- **SAP ISU & SAP ERP** Systems of Public Power Company (DEH) S.A.

PUBLICATIONS / ANNOUNCEMENTS

1. Panteli, A., Boutsinas, B. Addressing the Cold-Start Problem in Recommender Systems Based on Frequent Patterns. *Algorithms* (2023), 16(4):182, <https://doi.org/10.3390/a16040182> (CiteScore 2022, 3.7).
2. Panteli, A., Boutsinas, B. Improvement of similarity–diversity trade-off in recommender systems based on a facility location model. *Neural Computing & Applications* (2021), <https://doi.org/10.1007/s00521-022-07095-7> (Impact Factor 2020: 5.606, this publication is now open access under a Creative Commons Attribution 4.0 International License and has been financed by the Research Committee of the University of Patras).
3. Panteli, A., Kompothrekas, A., Halkiopoulou, C., Boutsinas, B., "An Innovative Recommender System for Health Tourism", 7th International Conference of the IACuDiT on "Culture and Tourism in a Smart, Globalized and Sustainable World", 2020.
4. Halkiopoulou, C., Katsouda, M., Dimou, E., Panteli, A., "Cultural and Tourism Promotion through Digital Marketing Approaches. A Case Study of Social Media Campaigns in Greece", 7th International Conference of the IACuDiT on "Culture and Tourism in a Smart, Globalized and Sustainable World", 2020.
5. Panteli, A. and Boutsinas, B., "Improvement of similarity-diversity trade-off in recommender systems based on a facility location model", In 2019 10th International Conference on Information, Intelligence, Systems and Applications (IISA), PATRAS, Greece, pp. 1-7, IEEE, <https://doi.org/10.1109/IISA.2019.8900661>.
6. Panteli, A., Boutsinas, B. & Giannikos, I., "On solving the multiple p-median problem based on biclustering", *Oper Res Int J* (2019), <https://doi.org/10.1007/s12351-019-00461-9> (Impact Factor 2019: 1.759).
7. Panteli, A. and Boutsinas, B., "Improvement of similarity-diversity trade-off in recommender systems based on a facility location model", Technical Report, <http://hdl.handle.net/10889/11695>, 2018.
8. Panteli, A., Boutsinas, B. & Giannikos, I., "On Set Covering based on Biclustering", *International Journal of Information Technology & Decision Making*, 2014, 13(05), 1029-1049, <https://doi.org/10.1142/S0219622014500692> (Impact Factor 2014: 1.89).
9. Giannikos, I., Boutsinas, B., Panteli, A., "Using Clustering Heuristics to Solve a Family of Demand Covering Models", 25th European Conference on Operational Research, Vilnius, Lithuania, 2012.

Google scholar profile: <https://scholar.google.com/citations?user=NlekFQ8AAAAJ&hl=en>

Scopus profile: <https://www.scopus.com/authid/detail.uri?authorId=56645013600>

<https://orcid.org/0000-0001-8161-647X>

PATRAS, JULY 2023