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Atılım University
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PERSONAL

Place of Birth	Ankara

EDUCATION

2009-2013	Ankara University, Computer Education and Instructional Technology (CEIT), Ph.D.
2005-2008	Atılım University, Computer Engineering, M.S.
1988-1993	Middle East Technical University, Statistics, B.S.

ACADEMIC POSITIONS

2020-…	Assoc.Prof.Dr. Department of Computer Engineering, Atilim University, Turkey
2019-2020	Guest Lecturer- University of Applied Sciences Upper Austria, Software Engineering Department, Austria
2014-2020	Asst.Prof.Dr., Department of Computer Engineering, Atilim University, Turkey
2013-2014	Dr.Instructor, Department of Computer Engineering, Atılım University, Turkey
2010-2011	Guest Lecturer- Faculty of Mathematics and Computer Science, Lodz University, Poland
2001-2012	Instructor, Department of Computer Engineering, Atılım University, Turkey

PROFESSIONS

Title	Company	S.Date	E.Date
District Office Manager	Link Plus A.Ş (Oracle VA Dist.)	02-1998	02-2001
Software Dept. Manager	Arena Bilgisayar A.Ş. (Microsoft VA Dist.)	07-1995	02-1998
Training Specialist	Protek Bilgisayar A.Ş.	06-1994	07-1995
Software Specialist	Entek Bilgisayar A.Ş	09-1993	06-1994

HONORS&AWARDS

1	Mutfakçım, (Project Supervisor), 2022-TÜBİTAK 2242 TEKNOFEST second prize
2	Comprehensive Logistics Software,(Project Supervisor), 2022- TÜBİTAK 2209-A
3	"Developing An Android Mobile Application that Converts Turkish Sign Language into Turkish And English Text With Deep Learning". The first prize in the category "Universities" of 9th "Stars of Informatics" Project Competition,2021 Istanbul, (Project Supervisor).
4	ISER Excellent Paper Award 2015. "On the Measurement of Cognitive Load in a Flipped Learning Environment", ISER 8th International Conference on Education and Social Science, İstanbul.

RESEARCH INTERESTS

1	Data Warehousing & Data Mining
2	Database Management Systems
3	Artificial Intelligence Based Technologies
4	Adaptive Learning
5	e-Learning

PROFESSIONAL SERVICE

1	Reviewer, Science and Education Publishing
2	Reviewer, Interactive Learning Environments

PUBLICATIONS

1	**Eryılmaz, M. & Doğan, H. (2023)**. A New Digital Model Suggestion for Dental Education. P. Yalçın (Ed.), Focus of Educational Sciences and Future Perspective (s. 85-108). Klaipeda: SRA Academic Publishing. **Book Chp**
2	**M.Eryılmaz, E.Balkaya, E.Uçan, G.Turan & S.G.Oral (2022)** Machine vs. deep learning comparision for developing an international sign language translator, Journal of Experimental & Theoretical Artificial Intelligence, DOI: 10.1080/0952813X.2022.2115560 **(SCI –Expanded)**
3	**M.Eryılmaz ,G.Kalem, H.Kilic, G.Tirkes, D.Topalli, C.Turhan, B.Alakus and A.Yazici (2022)** Online Learning Perceptions amid COVID-19 Pandemic: The Engineering Undergraduates' Perspective, International Journal of Engineering Education, Good Practices for Emergency Situations and Remote Regions – Part 2 special issue, Volume 38 Number 2 ISSN 0949-149X, P 408-420 **(SCI –Expanded)**
4	**Al-Khafaji M., Eryilmaz M. (2022)** Using Artificial Intelligence Methods to Predict Student Academic Achievement. In: Arai K. (eds) **Lecture Notes** in Networks and Systems, vol 359. **Springer**, Cham. https://doi.org/10.1007/978-3-030-89880-9_31
5	**M. Eryılmaz, O. Ertan., F. Yalçınkaya., & E. Kara (2021).** A Prediction Study about the Pandemic Era based on Machine Learning Methods. International Journal on Recent and Innovation Trends in Computing and Communication, 9(12), 01–07. Retrieved from

	https://ijritcc.org/index.php/ijritcc/article/view/5492
6	**M.Eryılmaz, A. Adabashi (2020),** Development of an Intelligent Tutoring System Using Bayesian Networks and Fuzzy Logic for a Higher Student Academic Performance . MDPI. Appl. Sci. 2020, 10(19), 6638. doi:10.3390/app10196638. **(SCI –Expanded)**
7	**A.Adabashi, M.Eryılmaz (2019),** Bayesian Network Based On Fuzzy Logic In Educational IntelligentSystems. International Education & Research Journal [IERJ], E-ISSN No : 2454-9916, Volume : 5, Issue : 12 , Dec 2019
8	**M.Eryılmaz , A. Adabashi, A.Yazıcı (2019)**, Artificial Intelligence Technologies in e-Learning. Handbook of Research on Faculty Development for Digital Teaching and Learning. **Book Chp.** IGI-global. ISBN13: 9781522584766, DOI: 10.4018/978-1-5225-8476-6
9	**M.Eryılmaz (2019)**, Sanal Öğrenme Ortamlarındaki Öğrenci Davranışlarının Kümeleme Yöntemi İle Analiz Edilmesi. YYÜ Eğitim Fakültesi Dergisi (YYU Journal of Education Faculty), DOI: 10.23891/efdyyu.2019.139
10	**M.Eryılmaz, R.Jaballa (2019)**, Öğrenme Stillerine Göre Kişiselleştirilmiş Çevirimiçi Öğrenme Ortamları İçin Bir Model Önerisi. Turkish Studies. DOI: 10.29228/TurkishStudies.22673
11	**M.Eryılmaz, C.Çiğdemoğlu (2018),** Individual Flipped Learning and Cooperative Flipped Learning: Their Effects on Students' Performance, Social, and Computer Anxiety, Interactive Learning Environments. Published online: 17 Sep 2018 https://doi.org/10.1080/10494820.2018.1522652. **(SSCI)** Volume 27 Issue 4
12	**M.Karakaya, M.Eryılmaz, U.Ceyhan (2018),** Analyzing Students' Academic Success in Pre-requisite Course Chains: A Case Study in Turkey, International Journal of Engineering Education (IJEE) Vol. 34, No. 2(A), pp. 1–7.**(SCI –Expanded)**
13	**M. Eryılmaz, M. Karakaya (2018),** Harmanlanmış Öğrenme Ortamlarında Sosyal Medya Kullanımının Öğrenci Doyumu Üzerine Etkisi, YYÜ Eğitim Fakültesi Dergisi (YYU Journal of Education Faculty), ISSN: 1305-020
14	**M.Eryılmaz (2018),** Current Approaches in Education: Flipped Learning Environments,Gece Kitaplığı, 428-437, **Book Chp**
15	**K. Al-Khafaji, M. Eryılmaz (2017),** T.R.P Mechanism to Secure E-learning Information that Shared with Cloud Storage, British Journal of Applied Science&Technology, Vol18(6)
16	**M. Eryılmaz, I. Kılıç (2017),** A New Computer Programming Course Enriched With Advanced Technologies, International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRSCE), Volume 3 Issue 10 , pp. 07 – 11
17	**M. Eryılmaz, A. Ahmed (2017),** An Adaptive Teaching Model For Flipped Classroom, Recent and Innovation Trends in Computing and Communication (IJRITCC), July 2017 Volume 5 Issue 7.

18	**M. Eryılmaz (2016),** How The Digital Innovation And Flipped Classroom Are Radically Transforming Teaching And Learning Informatics, Informatics. Innovative Teaching Approaches, 99-113, Casa C?r?ii De Ştiin?? Cluj-napoca, **Book Chp**
19	**M. Eryılmaz (2015),** The Effectiveness of Blended Learning Environments, Contemporary Issues in Education Research(CIER), Vol 8, No 4
20	**M. Sahinoglu, C. Kelsoe, S. Morton and M. Eryilmaz (2014),** Quantitative metrics to assess and manage national cyber security risk using risk meter software, International Journal of Computer Theory and Engineering (IJCITAE), vol. 8, no. 2, 83-98
21	**M. Sahinoglu, P. Vasudev, S. Morton and M. Eryilmaz, (2014)**. Bank customer service risk: quantitative risk assessment and management. International Journal of Computers, Information Technology and Engineering. 8, 99-107.
22	**M.Eryılmaz, N.Simsek (2014),** The Evaluation of Students' Academic Achievements in Adaptive Environments, Education and Science, 2014, Vol. 39, No 173. **(SSCI)**
23	**M. Eryılmaz (2012),** Uyarlanabilir İçerik ve Uyarlanabilir Gezinmenin Öğrenci Doyumu ve Bilişsel Yüke Etkileri, Eğitim Bilimleri ve Uygulama Dergisi, 20

CONFERENCE PRESENTATIONS

1	Meltem Eryılmaz , 13th International Conference on Distance Learning and Education (ICDLE 2022), Artificial Intelligence Technologies, Virtual Universities and Faculty Development for Digital Teaching and Learning Invited Speaker, 28-29 October 2022, Barcelona.
2	Meltem Eryılmaz , Hazal Doğan (2022).Intelligent Virtual Reality Tutoring System For Dentistry Students, International Conference on Information and Education Innovations (ICIEI-22), 12-13 April 2022, Paris.
3	Al-Khafaji M., Eryilmaz M. (2022) Using Artificial Intelligence Methods to Predict Student Academic Achievement. In: Arai K. (eds) Proceedings of the Future Technologies Conference (FTC) 2021, Volume 2. FTC 2021.
4	F. Ak, V. B. Özkan, G. Gonder, E. Sumeroglu and M. Eryilmaz, "Biletini Devret: A Secure Mobile App for Ticket Sales," *2021 2nd International Informatics and Software Engineering Conference (IISEC)*, 2021, pp. 1-5, doi: 10.1109/IISEC54230.2021.9672404.
5	Meltem Eryılmaz, Ahmed Al-Jaf (2021). Development Of Online Aviation Course Based On 3d Visualization Model, International Conference on Research in Education and Social Sciences (ICRESS),10-13 June, 2021 Istanbul, Turkey.
6	Meltem Eryılmaz, Ahu Genis-Gruber (2021). Assessment Of Online Exam System Perception In Covid-19 Pandemic Era. 8 th International Conference on Educational Technologies, 3-4March 2021, Virtual.
7	Meltem Eryılmaz (2019). Student motivation and student perception in mobile learning (M-learning), ICDLE 2019 ,10th International Conference on Distance Learning and Education, October 28-31, Amsterdam, The Netherlands.
8	Meltem Eryılmaz, Afaf Muftah Adabashi (2019). How Artificial Intelligence Technologies Shape e-Learning?, International Conference on Research in

	Education and Science (ICRES), Çeşme, Turkey.
9	Meltem Eryılmaz, Rabıeaa Jaballa, (2018) , Using Vark Approach For Designing E-Learning Environments, International Conference on Research in Education and Science (ICRES), Marmaris,Turkey.
10	Meltem Eryılmaz, Aslı Numanoğlu Genç (2018). Clustering Moodle User Data: A Case Study, II. International Conference on Engineering Technology and Innovation, Budapest, Hungary
11	Aslı Numanoğlu Genç, Meltem Eryılmaz (2018). Impact of Technology Based Learning Environment on Student Performance in a Civil Engineering Course, II. International Conference on Engineering Technology and Innovation, Budapest, Hungary
12	Meltem Eryılmaz (2017), Effects of adaptive approaches on Flipped Learning Environments, International Teacher Education Conference-ITEC, Harvard University, Cambridge, USA
13	Murat Karakaya, Meltem Eryilmaz, Atila Bostan (2017), Predicting Student Success according to Online Activities in a Blended Course using Artificial Neural Networks, The Fifth International Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA 2017), Girne American University, , Girne, North Cyprus
14	Khalid Al-Khafaji, Meltem Eryılmaz (2017), Auditor Technology and Privacy Control to Secure e-Learning Information on Cloud Storage, Istanbul International Conference On Progress In Applied Science 2017 - ICPAS 2017, İstanbul
15	Meltem Eryılmaz, Aisha Ahmed (2016), Adaptive Technologies for Flipped Learning, 6th International Conference on "Innovations in Learning for the Future" 2016: Next Generation October 24-26, 2016, İstanbul, TURKEY
16	Meltem Eryılmaz (2015), Flipped Classroom and Cognitive Load, ICEFIC 2015-International Congress on Education for the Future: Issues and Challenges, 13-15 May 2015, Ankara
17	Nurettin Şimşek, Meltem Eryılmaz (2015), Uyarlanabilir Öğrenme Araştırmalarının Yöntem ve Sonuçlarına İlişkin Eleştirel Bir Okuma, ICITS 2015- 9th International Computer & Instructional Technologies Symposium, 20-22 May 2015, Afyonkarahisar
18	Meltem Eryılmaz (2015), On the Measurement of Cognitive Load in a Flipped Learning Environment, ISER 8th International Conference on Education and Social Science, ISBN-978-93-85832-10-9, 81
19	Meltem Eryılmaz (2015), The Effectiveness of Blended Learning Environments, International Business & Education Conference, June 2015, London, United Kingdom
20	Sahinoglu M., Stockton S, Morton S., Vasudev P., Eryilmaz M. (2014), Metrics to Assess and Manage Software Application Security Risk, WORLDCOMP'14, Las Vegas, SAM9711
21	Sahinoglu M., Stockton S.,Morton S.,Barclay R.,Eryilmaz M. (2014), Assesing Digital Forensics Risk: A METRIC SURVEY APPROACH, SDPS 2014, The 19 th International Conference on Transformative Science, Engineering Business and Social Innovation, Malaysia
22	Meltem Eryılmaz (2016), Öğrenci Merkezli Dönüştürülmüş Sınıfın Akademik

22	Meltem Eryılmaz, Aslı Genç (2016), İnşaat Mühendisliği Eğitimi'nde e-Öğrenme'ye Bakış, 3.İnşaat Mühendisliği Eğitimi Sempozyumu Bildiriler Kitabı, Ankara
23	Aslı Genç, Meltem Eryılmaz, Burak Şahin (2016), İnşaat Mühendisliği'nde Uzaktan Eğitim:'Moodle ile örnek bir ders çalışması', 3.İnşaat Mühendisliği Eğitimi Sempozyumu Bildiriler Kitabı

COURSES GIVEN

1	Data Warehousing and Data Mining
2	Database Management Systems
3	Introduction to Computers & Programming in C
4	Computers and Information Systems
5	Computer Programming C++
6	Distance Education and e-Learning
7	Visual Programming
8	Web Technologies

THESES SUPERVISED

1	MS Thesis, Design and Implementation of Mobile Based Gamified Learning Management System to Improve Learning Interest of Architecture Students, Samuel Oladimeji Ibiyote, 2023
2	MS Thesis, Student Achievement Prediction Based on Artificial Neural Network Versus Fuzzy Logic, Mustafa Al-Khafaji, 2021
3	**Phd** Thesis, Artificial Intelligence Based Technologies in E-Learning, Afaf Adabashi, 2020
4	MS Thesis, Virtualization technology for online aviation course, Ahmed Al-Jaf, 2020
5	MS Thesis, A case study for designing an adaptive learning environment by applying vark model, Rabieaa Jaballa, 2017
6	MS Thesis, An adaptive educational model for flipped classroom, Aisha Ahmed, 2017
7	MS Thesis, Auditor Technology and Privacy control to secure e-learning information on cloud storage, Khalid Al-Khafaji ,2017
8	MS Thesis, Development of an adaptive Lınk Generatıon Module for a LMS by using cloud computing environment, İdil Kılıç, 2016

MEMBERSHIP

CEPIS- Council of European Professional Informatics Societies	Board Director
TBD- Türkiye Bilişim Derneği	Executive Board Member
ABV- Akademik Bilişim Vakfı	Founding member