

DENİZ CANTÜRK

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Professional Summary

Received the B.S. degree in Computer Engineering Department, Middle East Technical University (METU) Ankara, Turkey, in 2002. He received the M.S. degree in 2005 and the Ph.D. degree in 2021 from Computer Engineering Department, Middle East Technical University (METU) Ankara, Turkey. Worked as a software engineer in different positions since 2002 in various companies. His current research interests include data mining, database, trust-aware recommendation systems, location-based social networks and computer graphics.

Education

- Ph.D.:** Computer Engineering 09/2021
Middle East Technical University - Ankara / Turkey
- Thesis: Trust-Aware Location Recommendation in Location-Based Social Networks: A Graph-Based Approach
 - Majored in Recommendation Systems
 - Graduated with 3.50 / 4.00 GPA
- Master of Science:** Computer Engineering 05/2005
Middle East Technical University - Ankara / Turkey
- Thesis: Time-Based Workflow Mining
 - Graduated with 3.14 / 4 GPA
 - Majored in Data Mining
- Bachelor of Science:** Computer Engineering 02/2002
Middle East Technical University - Ankara / Turkey
- Graduated with 3.00 / 4.00 GPA
 - Graduation Project: BizzTalk Server Applications
 - Majored in Software Engineering
 - Awarded as 14th in LES (Graduate Students Exams) among 100K+ attendees

Double Major: Mathematics 02/2002

Middle East Technical University - Ankara / Turkey

- Majored in Applied Mathematics
- Graduated with 2.65/4.00 GPA

High School Diploma 02/1997

İzmir Fen Lisesi - İzmir / Turkey

- Awarded as 128th of national high school entrance exam nearly 250K attendees
- Finalist in National Chemistry Olympics organized by TUBITAK
- Graduated with 4.65 / 5.00 GPA
- Majored in Mathematics

Lecture

C-Programming Language 09/2010 to 02/2011

Middle East Technical University (METU), Part Time Lecturer, Ankara, Turkey

Work Experience

Senior Technical Consultant 05/2023 to 12/2023

Turkish Aerospace – Contractor, Ankara, Turkey

Senior Application Software Engineer 03/2021 to 04/2023

Rockwell Collins Deutschland GmbH, a part of Collins Aerospace – Heidelberg, Germany

Senior Technical Specialist 08/2019 to 02/2021

Turkish Aerospace – Ankara, Turkey

Chief Technology Officer 03/2017 to 08/2019

Atlas Educational Software LTD – Ankara, Turkey

Senior Software Engineer 11/2011 to 02/2017

Atlas Educational Software LTD – Ankara, Turkey

Software Development Team Leader 03/2009 to 10/2011

Turkish Aerospace – Ankara, Turkey

Software Development Team Leader 09/2004 to 01/2009

STM Defense Technologies and Engineering – Ankara, Turkey

Publications

- Canturk, D., Karagoz, P., Kim, S.-W., & Toroslu, I. H. (2023). Trust-aware location recommendation in location-based social networks: A graph-based approach. *Expert Syst. Appl.*, 213(Part), 119048. doi:10.1016/J.ESWA.2022.119048
- Canturk, D. (2021). Trust-aware location recommendation in location-based social networks (Konum temelli sosyal ağlarda güven farkında konum önerisi) (Middle East Technical University, Turkey). Phd Thesis
- Canturk, D., & Karagoz, P. (2021). SgWalk: Location Recommendation by User Subgraph-Based Graph Embedding. *IEEE Access*, 9, 134858–134873. doi:10.1109/ACCESS.2021.3116226
- Karagoz, P., Kama, B., Ozturk, M., Toroslu, I. H., & Canturk, D. (2019). A framework for aspect based sentiment analysis on turkish informal texts. *J. Intell. Inf. Syst.*, 53(3), 431–451. doi:10.1007/S10844-019-00565-W
- Canturk, D., & Senkul, P. (2012). Ontology-based routing of web services in distributed service discovery system containing domain specific nodes. 2012 IEEE Symposium on Computers and Communications, ISCC 2012, Cappadocia, Turkey, July 1-4, 2012, 283–288. doi:10.1109/ISCC.2012.6249309
- Canturk, D., & Senkul, P. (2011b). Using semantic information for distributed web service discovery. *Int. J. Web Sci.*, 1(1/2), 21–35. doi:10.1504/IJWS.2011.044080
- Canturk, D., & Senkul, P. (2011a). Semantic Annotation of Web Services with Lexicon-Based Alignment. *World Congress on Services, SERVICES 2011*, Washington, DC, USA, July 4-9, 2011, 355–362. doi:10.1109/SERVICES.2011.58
- Canturk, D., & Senkul, P. (2010). Service Acquisition and Validation in a Distributed Service Discovery System Consisting of Domain-specific Sub-systems. In J. Filipe & J. Cordeiro (Eds.), *ICEIS 2010 - Proceedings of the 12th International Conference on Enterprise Information Systems*, Volume 4, SAIC, Funchal, Madeira, Portugal, June 8 - 12, 2010 (pp. 93–99). SciTePress.
- Y. Bastanlar, D. Canturk and H. Karacan, "Effects of Color-Multiplex Stereoscopic View on Memory and Navigation," 2007 3DTV Conference, Kos, Greece, 2007, pp. 1-4, doi: 10.1109/3DTV.2007.4379410.
- Canturk, D., & Cicekli, N. K. (2006). Time-based Workflow Minings. In W. Dosch & W. Perrizo (Eds.), *15th International Conference on Software Engineering and Data Engineering (SEDE-2006)*, July 6-8, 2006, Omni Los Angeles Hotel at California Plaza, Los Angeles, California, USA, Proceedings (pp. 310–317). ISCA.