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PERSONAL

Date of Birth	1983
Place of Birth	Çorum

EDUCATION

2019-2023	Atılım University, Software Engineering, PhD
2008-2011	Atılım University, Software Engineering, MSc
2002-2007	Atılım University, Computer Engineering, BSc

ACADEMIC POSITIONS

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ADMINISTRATIVE DUTIES

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HONORS&AWARDS

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RESEARCH INTERESTS

1	Medical Informatics
2	Human Computer Interaction
3	Data Engineering
4	Software Engineering
5	Machine Learning Engineering

PUBLICATIONS

1	Tonbul, G., Topalli, D., & Cagiltay, N. E. (2023). A systematic review on classification and assessment of surgical skill levels for simulation-based training programs. <i>International Journal of Medical Informatics</i> , 105121.
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PROJECTS

1	STRASIS - Design and development of a data-oriented strategic management software from scratch as a unique, modern architectural perspective, Strategy and Technology Research Center – Baskent University, Status: Completed, Software Engineer, 06-2022 to 06-2024
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2	STM - Strategic Level Terrorism Exercise Scenario Development, project for COEDAT/NATO, Strategy and Technology Research Center. Responsibility: Design and development of a Learning Management System with adaptive learning paths driven by dynamic system models – Baskent University, Software Engineer, Project Start: 01-2023
3	Surgical Navigation Project, TUBITAK-1003 - Priority Areas R & D Projects Support Program, Scholar, Status: Completed, 03.2016 to 11.2016
4	BI.NET Enterprise Business Intelligence Software, a *TUBITAK Project. *TUBITAK 1507 R&D Support Program. Project Start: 2010 Project End: 2011. Role in the Project: Software Engineer

CONFERENCE PRESENTATIONS

1	Tonbul, G., Topallı, D., & Cagiltay, N. E. A Feature Engineering Approach Based on the Data Gathered from a VR Environment Using Haptic Interface to Increase the Applicability of ML Methods. <i>GROUP 5 (TR)</i> , 104, 85.
2	N.E. Cagiltay, D. Topalli, A.O. Borcek, G. Tokdemir, H.H. Maras, G. Tonbul, E. Aydin (2016) NEURONAVIGATION SKILL TRAINING THROUGH SIMULATION: INSIGHTS FROM EYE DATA, ICERI2016 Proceedings, pp. 1666-1673.
3	Cagiltay, N., Topallı, D., Börcek, A. Ö., Tokdemir, G., Maraş, H., Tonbul, G., & Aydın, E. (2016, October). Neuronavigation systems and passive usage problem. In <i>2016 Medical Technologies National Congress (TIPTEKNO)</i> (pp. 1-4). IEEE.
4	Eyüboğlu, B. G., Topallı, D., Çağıltay, N. E., & Tonbul, G. (2016, October). Simulation based surgical education programs and hand performance. In <i>2016 Medical Technologies National Congress (TIPTEKNO)</i> (pp. 1-4). IEEE.
5	Tonbul, G., & Misra, S. (2009, September). Error density metrics for business process model. In <i>2009 24th International Symposium on Computer and Information Sciences</i> (pp. 513-517). IEEE.

CITATIONS

COURSES GIVEN

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THESES SUPERVISED

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