

Ayşe KELEŞ

PERSONAL INFORMATION

Address	Türkiye Ministry Of Health, Bilkent yerleşkesi , Üniversiteler mah. Dumlupınar bulvarı 6001. Cad. No:9 Çankaya/Ankara 06800
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EDUCATION

December 2022	PhD in Computer Science, Ankara Yıldırım Beyazıt University, Graduate School of Natural Sciences, Türkiye (Title: Cerebrospinal Fluid Flow Segmentation And Feature Extraction Of Phase Contrast Mri Using Deep Learning Technique)
July 2017	MSc in Computer Science, Ankara Yıldırım Beyazıt University, Graduate School of Natural Sciences (Thesis: The Clustering Of Public Hospitals For The Productivity Scorecard Application)
June 2005	BSc in Computer Science (Ranking: 2 nd /300) Baskent University, Ankara, Türkiye (Dissertation: Text Searching Using Decision Trees)

WORK EXPERIENCE

2020 - ---	Software Project Manager Health Institutes of Türkiye (TUSEB) Centers of Excellence Program, TuskaNET
2020	Technical advisor Ministry of Health, General Directorate of Public Health Central Covid Laboratory – Development of Technical Infrastructure
2017 - 2020	Software Project Manager, Data Analyst Ministry of Health, General Directorate of Health Information Systems EKOBIS Project
2012 - 2017	Data Analyst, PL-SQL Developer Ministry of Health, General Directorate of Turkish Public Hospitals Development and Data Analysis of the National Productivity Scorecard Application
2007 – 2011	Decision Support Systems Specialist, PL-SQL Developer Ministry of Health, General Directorate of Health Information Systems Database and Decision Support Systems Department, E-Nabız (SaglikNet) Project
2005 - 2007	Data Analyst Ministry of Health, Provincial Health Department Information Processing and Statistics Branch Office

PROJECTS

2017-2019	Project: Fee-for-Service Information System Position: <u>Proje Manager</u> Owner: Ministry of Health, General Directorate of Turkish Public Hospitals
2007- 2017	Project: ENabız (National Health System) Position: <u>Decision Support Systems Specialist, PL-SQL Developer</u> Owner: Ministry of Health, General Directorate of Health Information Systems
2021-2022	Project: Centers of Excellence Program Position: <u>Proje Software Manager</u> Owner: Health Institutes of Türkiye (TUSEB)

TECHNICAL SKILLS

Programming Languages	Java, Matlab, Python, PHP, HTML
DBMS	Oracle, MSSQL, PostgreSQL, MongoDB, Neo4j

Extended SQL	PL/SQL, MSSQL
3D Modelling	3D Slicer, Abaqus(Basic)
BI Tools	Oracle BI, Power BI, Datazen
Data Mining Tools	Weka, R, Python
IDEs	Eclipse, PyCharm
Deep Learning	Tensor Flow

TEACHING PORTFOLIO

2018 - 2019	Database Management Systems
Fall	AYBU – Faculty of Engineering and Natural Sciences
2019	Big Data Analytics
Spring	AYBU – Faculty of Engineering and Natural Sciences
2022 – 2023	Information Systems in Healthcare
Fall	Faculty Of Health Sciences
2022 – 2023	Technology Management in Health Institutions
Fall	AYBU – Faculty Of Health Sciences

PUBLICATIONS

Journals

1. Keles, A., Algin, O., Ozisik, P.A., Sen, B., Celebi, F.V., Segmentation of Spinal Subarachnoid Lumen with 3D Attention U-Net, Journal of Mechanics in Medicine and Biology, <https://doi.org/10.1142/S0219519423400110>
2. Algin, O., Keles, A. & Oto, C. (2022). Cerebrovascular modelling for the management of aneurysm embolization using an intrasaccular flow diverter made by 3D printing. Polish Journal of Radiology, 87(1), 557-562. <https://doi.org/10.5114/pjr.2022.120520>
3. Kavak, D. , Beylik, U. , Keleş, A. & Çizmecci Şenel, F. (2022). Evaluation of the Social Perception about Coronavirus Pandemic in Türkiye by using Data Mining . Journal of Basic and Clinical Health Sciences , 6 (3) , 891-902 . DOI: 10.30621/jbachs.1127926

Refereed Conferences

1. Güldemir, D., Keles, A., Sengil, A.Z., Sözlü Bildiri, İnfluenza virüslerinde Derin öğrenme metotları ile mutasyon tahmini yapılabilir mi?, 11. Uluslararası Moleküler ve Tanısal Mikrobiyoloji Kongresi, 2022/11, Antalya, Türkiye
2. Keleş, A., Sözlü Bildiri, “K-Means kümeleme Algoritması ile Kamu Hastanelerinin Kümelenmesi”, Uluslararası Sağlıkta Performans ve Kalite Kongresi, 2018, Antalya.
3. Yıldız, U., Keleş, A., Conference Paper, “Building a National Clinical Data Warehouse”, Fourth International Conference on Telecommunications and Remote Sensing, 2015, Rhodes, Greece.

Book Chapters

1. **Keleş, A.**, İşlek, E., Beylik, U. Bölüm 13 Sağlık Hizmetleri Faturalandırma Süreçlerinde Sağlık Bilgi Sistemlerinin Önemi. Editör Elif Dikmetaş Yardan. Sağlık Bilgi Sistemleri. 1. Baskı. Nobel Yayıncılık, Ankara. 2022. ss.215-230.