

Özgür AKSOY

800 W Campbell Rd, Richardson, TX 75080
 ozgur@utdallas.edu | ozgur-aksoy.com | [LinkedIn](#)

EDUCATION

- UT Dallas, Jindal School of Management** 2020–2026 (Expected)
 Ph.D., Information Systems
 Academic advisors: Dr. Mehmet Ayvaci, Dr. Srinivasan Raghunathan
- Özyeğin University, Türkiye** 2013–2015
 M.S., Financial Engineering and Risk Management
- Boğaziçi University, Türkiye** 2006–2007
 M.A., Economics and Finance
- Middle East Technical University, Türkiye** 1996–2000
 B.S., Industrial Engineering

RESEARCH

Interests Health IT, Impact of Artificial Intelligence (AI) on Decision-Making, Algorithmic Bias/Fairness.

Methods Machine Learning, Design Science, Econometrics

Under Review

Aksoy, Ö., Ayvaci, M., Raghunathan S., and Cezar A. When Systemic Biases Taint Algorithms: A Path to More Equitable Access in Healthcare. | [SSRN link](#)

Management Science | under second round review.

Best Student Paper Award | Conference on Health IT and Analytics (CHITA), 2024.

Best Paper Award | Workshop on Information Technologies and Systems (WITS), 2023.

Best Paper Runner Up Award | INFORMS, Information Systems Society, 2023.

Work In Progress

Aksoy, Ö., Adjerid, I., Ayvaci, M., Raghunathan, S. The Dark Side of the Moon: Understanding Provider Inertia Toward AI Diagnostic Technologies in Healthcare.

Aksoy, Ö., Ayvaci, M., Raghunathan, S. From Volatility to Predictive Insight: Managing Unpredictability in Healthcare Utilization.

Aksoy, Ö., Karam, A., Trecher, A. Who Gets Approved? A Predictive Model for Financial Assistance Pre-Approval in a County's Public Health System.

Aksoy, Ö., Karam, A., Tamer, Y. Diabetes Emergency Hotspot Mapping: Population Surveillance for Healthcare Resource Optimization.

Published

Fayda, S. N. A., Şencan, A. **Aksoy, Ö.**, and Yazıcı, S. (2020). A Qualitative Research on Selected Performance Indicators for Investment Decision Process: A Framework for FinTech Startups in Türkiye. *Journal of Business Economics and Finance*, 9(1), 28-41.

WORK EXPERIENCE

Parkland Center for Clinical Innovation (PCCI)¹

Research Associate, Data Strategy and Analytics 2024–Present
 Sachs Summer Scholar Intern, Data Strategy and Analytics 2024

¹PCCI ([link](#)) is the machine learning research and development institute of Dallas County public health system ([Parkland Health](#)).

FIBA Holding**Özyeğin University, Türkiye**

Consultant, Technology Transfer Office 2019–2020

Fibabanka, Türkiye

Director, Business Process Management 2011–2018

Credit Europe Bank N.V., Netherlands

Program Manager, Technology Development 2010–2011

Millennium Bank Portugal, Türkiye Branch (Acquired by Fiba Holding)

Department Head, Business Process Reengineering 2007–2009

Branch Manager, Consumer Banking 2005–2006

Finansbank Suisse S.A., Switzerland

Manager, Private Banking 2004–2005

Citibank, Türkiye

Assistant Manager, Global Consumer Banking 2002–2004

Management Associate 2000–2001

TEACHING**Interests:** Applied Machine Learning, Programming Languages, Healthcare/Business Analytics, Database Foundations, LLM Applications, Financial Technologies, AI in Business, and Business Process Management**UT Dallas, JSOM**

Instructor, Introduction to Programming 2024–2026

“Overall, the course was excellent:” 4.89, “Overall, this instructor was excellent:” 4.93

1: Strongly Disagree, 5: Strongly Agree

Teaching Assistant 2020–2025

(1) Healthcare Informatics, (2) Healthcare Analytics, (3) Introduction to Healthcare Information Systems,

(4) Managing IT in the Analytics Age, (5) Fintech and Blockchain, (6) Data Management

(7) Introduction to Programming

Guest Lecturer: (1) Healthcare Analytics (2023–2024), (2) Fintech and Blockchain (2022), (3) Managing IT in the Analytics Age (2021)

Özyeğin University, Türkiye

Adjunct Faculty, Business Process Management 2019–2020

Kadir Has University, Türkiye

Adjunct Faculty, Finance 2016

Boğaziçi University, Türkiye

Adjunct Faculty, Statistics 2015

HONORS AND AWARDS**Winner of Three-Minute Dissertation Competition**

JSOM, UT Dallas 2024

Best Student Paper Award

Conference on Health IT and Analytics (CHITA) 2024

Outstanding Graduate Student

Information Systems Department, JSOM, UT Dallas 2024

Best Paper Award

Workshop on Information Technologies and Systems (WITS) 2023

Best Paper Runner Up Award

INFORMS Information Systems Society 2023

Best Showcase in Digital Transformation | BankingSAG Aris GmbH | [aris.com](https://www.aris.com) 2018

DOCTORAL CONSORTIUMS & CONFERENCE PRESENTATIONS

Production and Operations Management Society (POMS) Doctoral Consortium	2025
CHITA Doctoral Consortium	2025
INFORMS Annual Meeting	2022, 2023, 2024
CHITA	2023, 2024
Big XII PLUS MIS Research Symposium	2024
BizAI Conference	2024
Conference on Information Systems and Technology (CIST)	2023
POMS Conference	2023
WITS	2023

PROFESSIONAL SERVICE

Ad-Hoc Reviewer | Journal

Information Technology Management	2024
---	------

Ad-Hoc Reviewer | Conference/Workshop

CIST	2024, 2025
INFORMS Workshop on Data Science	2024, 2025
International Conference on Information Systems	2023, 2024, 2025
International Workshop on Health Insurance	2024
The Annual Meeting of the Academy of Management	2024

Panelist at DocNet Recruiting Forum | [Consortium of Business Doctoral Programs](#) 2024

Session Co-Chair | POMS Conference 2023

SKILLS

ML/Statistical Software

Python, R, PySpark, STATA

Programming/Database Management/Other

DataBricks, Java, SQL, Mathematica, ARIS, MS Visio, MS Project, ~~LaTeX~~, Camtasia

PROFESSIONAL MEMBERSHIPS

Association for Information Systems, INFORMS, POMS, Texas Health Informatics Alliance | cihi.uta.edu/thia

OTHER

Scholarships, Selected Certificates and Workshops, Selected PhD Coursework, Volunteer, and References sections are available upon request.