ABET FACULTY VITA | Revised: Jan 2026

Name: Manouchehr Mohandesi, Ph.D. (ABD)
Rank: Assistant Professor of Instruction
Department: Computer Science
Institution: Texas State University

EDUCATION

M.S., Electrical and Computer Engineering, University of Texas at San Antonio, 2015
M.S., Computer Systems Architecture Engineering, Iran University of Science and Technology, 2006
B.S., Computer Engineering, Qazvin Azad University, 2003
Ph.D. (ABD), Electrical and Computer Engineering, University of Texas at San Antonio
Focus: Applied Deep Learning and Efficient Computing Systems

ACADEMIC EXPERIENCE

Texas State University, Round Rock Campus
Assistant Professor of Instruction / Computer Science Program Coordinator (2024–Present), Full-time
Lecturer / Undergraduate Program Coordinator (2023–2024), Full-time

Clarke University, Dubuque, IA
Assistant Professor of Computer Science (2020–2023), Full-time

University of Wisconsin – River Falls
Online Adjunct Lecturer (2021), Part-time

University of Wisconsin – Platteville
Teaching Fellow, Computer Science & Software Engineering (2019–2020), Full-time

University of Texas at San Antonio
Adjunct Faculty, Information Systems & Cyber Security (2019), Part-time
Research Fellow / System Developer & Data Scientist (2016–2019), Full-time
Research Assistant / Teaching Assistant (2013–2015), Part-time

PROFESSIONAL EXPERIENCE

Open Cloud Institute, University of Texas at San Antonio
Research Fellow – System Developer & Data Scientist (2016–2019)
• Applied machine learning, optimization, and data analytics to cyber-physical and industrial systems

Mobile Apps Company (Brighter-Brain, Inc.)
Senior Software Engineer – iOS Developer (2015–2016)
• Developed mobile and cloud-based applications integrating AI-driven services

PROFESSIONAL CREDENTIALS & CERTIFICATIONS

• Deep Learning Specialization, Coursera, 2018
• Advanced Reinforcement Learning in Finance, Coursera, 2018
• Learning SQL Programming, LinkedIn Learning, 2018

PROFESSIONAL DEVELOPMENT

Attendee, Ai4: Artificial Intelligence Conference, Las Vegas, NV (August 12–14, 2024)

SERVICE ACTIVITIES

College Level:
• Direct Recruiting & Program Representative-TXST Discovery, TXST Round Rock / Ladders for Leaders (Feb–Mar 2026)
• Speaker, TXST RRC TRIO Rocks Event (Dec 2024)
• Participant, Faculty Interview Committees (Fall 2023)

Department Level:
• Computer Science Program Coordinator, Round Rock Campus (Sept 2023–Present)
• Computer Science Representative, Discover TXST Round Rock (Nov 2024, Mar 2025)

Professional Service:
• Reviewer, Elsevier Journal – Sustainable Computing (SUSCOM) (Summer 2025–Present)

PRINCIPAL PUBLICATIONS & PRESENTATIONS

Mohandesi, M. (PI). Development of a Practical Tutorial for Advanced Topics in Computer Science: Embedded Software Programming and CAN-Bus Communications for Autonomous Vehicles. Clarke University Internal Grant, $500 (2022–2023).

Koppa, S., Mohandesi, M., & John, E. (2016). An Ultra-Low Power Charge Redistribution Successive Approximation Register A/D Converter for Biomedical Applications. Journal of Low Power Electronics, 12(4), 385–393.