

Nevzat Umut Demirseren

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EDUCATION

2025 - 2028	Texas State University Major: Computer Science — PhD Concentration: Information Management	(GPA: 4.00/4.00)
2024 - 2025	University of North Florida Major: Computing & Information Sciences — MSc Concentration: Information Systems (Thesis)	(GPA: 4.00/4.00)
2019 - 2023	TOBB University of Economics and Technology Major: Computer Engineering — BSc Anadolu University Major: Business Administration (English) — BBA Open Education	(GPA: 2.72/4.00)

WORK EXPERIENCE

Texas State University	August 2025 - Current
• Doctoral Instructional Assistant: CS 5329 - Algorithm Design and Analysis (Fall 2025)	
BatchVue	June 2025 - August 2025
• Software Engineer: Full-stack web development internship using React Native and Express.js	
University of North Florida	May 2024 - Present
• Graduate Research Assistant: Researcher and Unity VR developer at UNF Pandion VR Laboratory.	
• Teaching Assistant: COP 2220 Introduction to Programming (Fall 2024)	
• Graduate Research Assistant: Directed Individual Study (Summer 2024)	
ICTerra Information and Communication Technologies	January 2022 - February 2023
• Software Engineer: Part-time full-stack web development in the Department of Electronic Warfare and Communication Analysis using React.js and Java Spring.	
• Co-operative Education Student: Long term full-time internship on Spring 2022 and Fall 2023.	
TOBB University of Economics and Technology	June 2022 - April 2023
• Undergraduate Teaching Assistant:	
– BIL 211 Programming II (Spring 2023)	
– BIL 372 Database Systems (Fall 2023)	
– BIL 372 Database Systems (Summer 2022)	

PUBLICATIONS

- [1] Nevzat U Demirseren and Iman Vakulinia. “Adaptive Row Activation and Refresh: A Hybrid Approach to Mitigate RowHammer”. In: *Proceedings of the IEEE Ubiquitous Computing, Electronics & Mobile Communication Conference (UEMCON)*. IEEE, 2024.

SKILLS

Computer & Programming

Web Development - React.js + Express.js
Data Analysis - Python / Jupyter Notebook
Unity 3D + VR - C#

Databases - PostgreSQL
Version Control - Git
Docker

REFERENCES

Osman Abul, PhD: Professor at TOBB ETU — osmanabul@etu.edu.tr
Iman Vakulinia, PhD: Associate Professor at University of North Florida — i.vakulinia@unf.edu