

Bugra Alp Nas

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Education

Master of Science - Management Information Systems Sakarya University Thesis: Personalized AI-Based Gamification Applications in the Retail Sector	2023 - Jan 2026 (Expected) Sakarya, Türkiye
Bachelor of Engineering - Industrial Engineering Sakarya University	2016 - 2020 Sakarya, Türkiye

Work Experience

Anadolu Efes <i>BI Data Analyst</i> Working with Leonidas Lampropoulos on the intersection of Property Based Testing, Fuzzing, and Formal Verification.	Istanbul, Türkiye Jan 2025 - Aug 2025
Kigili Retail <i>Sales Data Analyst</i> Working with Leonidas Lampropoulos on the intersection of Property Based Testing, Fuzzing, and Formal Verification.	Istanbul, Türkiye Jun 2023 - Jan 2025
LC Waikiki <i>International Sales, Operations and Planning Specialist</i> Working with Leonidas Lampropoulos on the intersection of Property Based Testing, Fuzzing, and Formal Verification.	Istanbul, Türkiye Jun 2023 - Jan 2025

Publications

The Impact of Gamification Strategies on Sales Performance in the Retail Sector: An Agent-based Modeling Approach
Bugra Alp Nas *under review*

Behavioral Segmentation and Personalized Gamification Model Based on Employee Seniority in the Retail Sector
INCOHIS 2025

Bugra Alp Nas, Assist. Prof. Dr. Tugba Koc

Skills

Giving Types to jq	NJPLS May 2025
Property-Based Testing: The Past, The Present, and The Future	Bobkonf 25
Designing A Functional Document Processor	LambdaConf 2024
Nitty Gritty Bits of Property-Based Testing	DC Systems 003

Selected Articles

Test, don't (just) verify	Dec 2025
Breaking Verifiable Abstractions	Aug 2025
A Better Vocabulary for Testing	Aug 2025
Verifiability is the Limit	Mar 2025