

Alperen Yilmaz

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Education

Bartın University B.Sc. in Computer Technologies and Information Systems	Bartın, Turkey Sep. 2024 – Present
Schmalkalden University of Applied Sciences Computer Science, Exchange Student	Schmalkalden, Germany Oct. 2025 – Mar. 2026

Projects

<u>AlperenAkademi</u> – Exam Prep & Performance Analytics Desktop Application Java, JavaFX, Maven, MVC Architecture	2026
<ul style="list-style-type: none">Built a JavaFX desktop app to log exam results and daily solved questions.Implemented interactive charts to visualize student progress and score trends.Developed threshold tracking algorithms to analyze target university requirements.	
<u>Inventory Tracking System</u> – Warehouse & Stock Management Web Application PHP, MySQL, JavaScript, HTML5/CSS3	2026
<ul style="list-style-type: none">Engineered a full-stack inventory platform managing real-time stock in/out flows.Implemented role-based authentication and secure user access controls.Built dynamic reporting dashboards and audit trails for stock movements.	
<u>Dynamic Portfolio & CMS</u> Web Application PHP, MySQL, JavaScript, CSS	2026
<ul style="list-style-type: none">Developed a database-driven CMS with an admin panel for dynamic content management.Architected modular page routing, asset upload handling, and relational MySQL schemas.Built a responsive front-end interface optimized for cross-device performance.	
<u>Burger Restaurant Rush</u> – 3D Game Game Project Unity, C#	2025
<ul style="list-style-type: none">Programmed core kitchen mechanics, customer order cycles, and interactive timers in C#.Designed 3 distinct levels with custom environmental hazards and puzzles.Built dynamic scoring algorithms and an end-to-end responsive game loop UI.	

Technical Skills

Languages: PHP, Java, C#, SQL, JavaScript, HTML5, CSS3
Frameworks & Libraries: JavaFX, Bootstrap, jQuery
Game Development: Unity (3D), Physics Engine, UI Canvas
Database & Backend: MySQL, Apache (XAMPP), Relational Database Design (RDBMS), CRUD Operations
Tools & APIs: Git, GitHub, IntelliJ IDEA, VS Code, phpMyAdmin, Maven

Languages & Awards

Turkish: Native / Bilingual
English: Upper-Intermediate (B2) – Bartın University Exam: 84/100 (2025)
Erasmus+: EU Mobility Grant recipient, Hochschule Schmalkalden, Germany.