

DARIA ARTEMEVA

Web Developer

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PROJECTS

Bachelor's Thesis

2024

VR Game in Unity using C#

- Developed an immersive VR game for children centered on Ohm's Law to simplify core electrical engineering concepts

Backend Web Development

Experience in backend development with a focus on practical web apps and real-time features

- Built a web app for tracking daily restaurant menus (CRUD: dishes, descriptions, prices)
- Developed an online "Pong" game supporting 2-4 players using WebSockets
- Created a Laravel-based portal to retrieve weather, GPS coordinates, country, and capital by location
- Developed a web app that generates and verifies math problems for students (Team project)

Frontend Web Development

Frontend experience with interactive UI, data visualization and responsive design

- Developed ordering forms with client-side validation
- Created interactive data visualizations using Google Charts
- Designed a photo gallery with location mapping features
- Built a drag-and-drop PWA game with offline support

Java

Java development experience across console, desktop, and web applications using Spring, JPA, and REST

- Made a console version of the card game "Bang!"
- Developed a desktop puzzle game with AWT/Swing (pipe rotation mechanic)
- Created a Spring-based server for inventory and shopping cart management
- Built web apps (e.g., canteen, library) using JPA and REST APIs

WORK EXPERIENCE

Lecturer

Algorithmics

09/2024 - Present Online

- Teach Unity (C#), Roblox Studio (Lua), Scratch, and Mathematics through engaging, project-based lessons
- Design and deliver interactive curricula, fostering creativity, problem-solving, and logical thinking in students
- Guide learners from fundamentals to advanced concepts and help them build and publish their own games

LANGUAGES

English

Advanced



Slovak

Advanced



Russian

Native



Czech

Intermediate



EDUCATION

Computer Science

Slovak University of Technologies

2020 - 2025 Bratislava, Slovakia

SKILLS

C#	Unity	C++	Git	Lua
Java	JavaScript	PHP	Python	
MySQL	MS Visual Studio	RESTful API		
.NET				