

# DARIA ARTEMEVA

## Web Developer

+421951912426 @ xartemeva@gmail.com Bratislava, Slovakia



## 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