MAKSIMS PAVLOVSKIS

📞 +371 25965917

✉ pavlovskM@protonmail.com

[LinkedIn](#)

[GitHub](#)

SUMMARY

I am a recent graduate with a dual degree in Computer Science and AI Development from the Transport and Telecommunication Institute and the University of the West of England. My academic background is complemented by hands-on experience in software development, systems programming, and AI-focused projects.

My expertise includes programming in Java, C/C++, C#, Python, and JavaScript, along with frameworks like Spring Boot, .NET, and OpenGL. I have worked on a high variety of practical systems such as a 3D object visualization tool, a CV-generator backend, and even a customizable Vigenère cipher app. Additionally, I am proficient in database management and data analysis tools, as well as cloud systems.

I am fluent in English and Russian, with intermediate proficiency in Latvian.

WORK EXPERIENCE

- **Backend for a CV-Making Web App (Group Project)**
  Java - Spring
  Repository Branch
  - Led backend development for a CV generator, enabling secure storage/retrieval of user data and login credentials.

- **3D Object Visualization Application (Solo Project)**
  C++ - OpenGL, GLM, Assimp, ImGui
  Source code
  - Engineered a 3D graphics tool supporting .obj file rendering, dynamic object manipulation, and multi-light source management.
  - Built a 6DOF camera system (WASD + mouse controls) using GLFW and GLM.
  - Integrated Assimp for 3D model parsing and ImGui for real-time parameter adjustments (light color, brightness).

- **QA for AI Image Detection Model** *(Group Project)*
  Python - NumPy, scikit-learn, Matplotlib
  Source available on request
  - Validated a CNN model's performance in classifying real vs. AI-generated images, achieving 80% accuracy via cross-validation.
  - Automated test workflows with sklearn.metrics.

EDUCATION

2021 - 2025

UNIVERSITY OF THE WEST OF ENGLAND
- Bachelor of Computer Science in Artificial Intelligence

2021 - 2025

TRANSPORT AND TELECOMMUNICATION INSTITUTE
- Bachelor of Computer Science in Artificial Intelligence

SKILLS

Advanced
Programming Languages:
- C++, C#, Java

Frameworks/Tools:
- .NET, OpenGL

Intermediate
Programming Languages:
- Python, JavaScript

Frameworks/Tools:
- Spring Boot, TensorFlow, AWS

Database:
- MySQL, Microsoft SQL Server

Other:
- RESTful APIs, Agile Methodology, Data Structures & Algorithms

CERTIFICATIONS

- [IBM: Exploratory Data Analysis for Machine Learning](#) | 2024
- [CISCO Networking Academy: Introduction to Networks](#) | 2023

LANGUAGES

- English
- Russian
- Latvian