MOZHEIKO DMITRY

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SUMMARY

Aspiring Java developer. Participant of several scientific conferences at the university. Author of two scientific publications at the BSUIR's research laboratory that cooperates with YADRO. Passionate about learning new skills. Proactively seeks challenges for continuous personal growth.

SKILLS

Languages: Java, C/C++, basic Golang, JavaScript, HTML, SQL, basic Assembler, VHDL, Verilog.

Technologies: Git, REST, Spring Framework, Spring MVC, Spring Security, Spring Data, JPA/Hibernate, JWT, Unit tests, Maven, PostgreSQL, Swagger, Mockito, Docker.

PROJECTS

Java **Faciet Stats** [link]
Faceit Api is a project using JWT tokens, CQRS, Spring Security that provides a simple way to retrieve player statistics in Counter-Strike 2: Global Offensive 2 using the Faceit API. Faceit is one of the leading platforms for playing multiplayer online games such as Counter-Strike: Global Offensive, Dota 2, and others.

C++ **Neural Network** [link]
This project is an implementation of a multilayer perceptron neural network without using OpenCV in C++, using the Qt Creator framework. The neural network allows you to choose a network configuration (the number of layers and neurons on each layer) and recognize handwritten characters entered by the user.

VHDL **Random number generator** [link]
In this project, a true random number generator was developed based on the contacts bounce. The prototype of the developed generator was done on the Digilent ZYBO Z7-10 debugging boards, and the digital circuits were designed in VHDL for the FPGA Xilinx Zynq-7000.

EDUCATION

2022 - 2026 **BSUIR, (FCSaN) Faculty of Computer Systems and Networks** [link]
Bachelor of Computer Engineering 2022 - 2026 (3-nd year)

EXPERIENCE

2022 – 2024 **Joint research laboratory of BSUIR and YADRO** [link]
Research laboratory with a focus on research and training courses in the field of digital circuits.

LANGUAGES

English - A2-B1, **Russian** - native