ZDEBSKA KATERYNA

P R O G R A M M E R

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🌐 [My Website](#)

📍 Brno, Czech Respublic

EXPERTISE

Programming Languages:
Python, C, Java (Swing), Kotlin

Database Management:
SQL (OracleDB, PSQL), UML

Technologies:
GIT, Docker, GitHub

Data Processing:
Pandas, NumPy, MatLab

Mathematics:
Further Mathematics, Probability Theory, Statistical Modeling

EDUCATION

3-rd year student
Information technology
Brno University of Technology
2021 - 2025

LANGUAGE

- English
- Ukrainian
- Czech
- Russian

ABOUT ME

As a third-year student, I've explored a variety of interests, from crafting to singing, making my life a colorful mix of different experiences. Moreover, I've achieved notable successes, such as taking 3rd place in Kyiv's Mathematical Olympiad and winning a silver medal among women in Kyiv's chess competition.

Today, I'm excited to focus my passion on IT. Therefore, I'm up to speed on new challenges and improving my skills to become a proficient programmer.

PROJECTS

○ **Code Analyzer**
Code analysis tool ● Python

The script of filter type reads from the standard input the source code in a subset of Assembly language, checks the lexical and syntactic validity of the code, and prints the XML representation of the program to the standard output.

○ **Pac-man**
PC game ● Java, JavaFX

Me and my teammate made this game using the MVC pattern. We together have implemented the basic logic of the game. The graphic rendering and reading of the player's input were realized by myself. I have also used threads to properly display the parallel movement of the Pacman and the Ghost.

○ **Finance Journal Application**
Mobile App ● Kotlin, PostgreSQL

Our team of three created a finance management app. The key functionality of the app includes expense tracking, budget management features, and goal-setting functionality. We came up with a user-friendly app with customizable features.

For more, check my GitHub: github.com/zdebska

HOBBIES

Chess - the most interesting are chess puzzles.

Baking - the reason is delicious result.

Crocheting - I like to make my own style clothes.