Kósa Mátyás

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EDUCATION

Universitatea Babeș-Bolyai Cluj-Napoca, Cluj
Computer science *Oct. 2022 – present*

Colegiul Național "Silvania" Zalau, Salaj
Matematică-informatică *Sept. 2019 – Iun. 2022*

TECHNICAL SKILLS

Languages: Java, C/C++, SQL, MongoDB, Haskell, Matlab, Bash, C#, Python, HTML/CSS, Javascript, Assembly, Prolog
Developer Tools: Git, Vim, VS Code, Visual Studio, IntelliJ, Unity SSMS
Libraries: SDL, OpenGL

PROJECTS

Multiplayer Chess | *Java* | github.com/Chess Dec. 2023 – Present
- Developed a server-client chess game in Java using sockets
- All chessmoves are implemented and functional (castling, promotion, En passat etc..)
- Option to highlight the possible legal moves to the chosen piece.
- Game history logging in Algebraic notation.

Cyberpunk themed Slot Machine | *Java* | github.com/SlotMachine Nov. 2023 – Dec. 2023
- Developed a Slot Machine with cyberpunk thematics
- Uses threads for a custom shuffle animation
- Implemented an option menu for the volume control
- User friendly login system and balance logging in a .txt file

Typing Speed Test | *HTML, CSS, Javascript* | github.com/typingSpeedGame Jan. 2024 – Feb. 2024
- Designed and developed a Typing Speed Test web application to help users enhance their typing skills
- Implemented random quote generation for typing practice and real-time feedback on words per minute (WPM)
- Utilized HTML, CSS, and JavaScript to create an interactive and user-friendly typing experience
- Fully deployed on my github page

LANGUAGES

English: C1 Cambridge Certificate
Romanian: Bilingual proficiency
German: Basic proficiency
Hungarian: Native proficiency

VOLUNTEERING

Teaching Assistant: Apr. 2021
Grund School

Teaching Assistant: Jun. 2021
International School of Oradea