

# Stefan Dorneanu

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## DESCRIPTION

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*An attentive, skillful, and passionate Computer Science student seeking to prove talent and perseverance in a competitive environment. With a solid programming experience in languages such as C/C++, Java, I aim to be a valuable asset to any team. I excel in teamwork and cooperate effectively with others.*

## EDUCATION

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<b>University POLITEHNICA of Bucharest</b> <i>Bachelor of Computer Science, Faculty of Automatic control and Computer Science</i>	Bucharest, Romania 2023 – 2027
<b>”Mihai Viteazul” National College</b> <i>Bacalaureate Diploma</i>	Bucharest, Romania 2019 - 2023

## EXPERIENCE

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<b>Volunteer at SAGA Festival</b>	September 2020
<ul style="list-style-type: none"><li>Developed a solid understanding of time management and demonstrated my ability to work under stressful conditions.</li></ul>	
<b>CyberHack Hackathon</b>	November 2024
<ul style="list-style-type: none"><li>Collaborated in a high-pressure, 24-hour hackathon environment, demonstrating endurance and focus while maintaining productivity.</li><li>Contributed to the development of a web application designed to assist small businesses and entrepreneurs in ensuring compliance with legal regulations.</li></ul>	

## PROJECTS

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<b>2D Puzzle Game</b>   <i>C, ncurses</i>	January 2024
<ul style="list-style-type: none"><li>Developed the complete 2048 puzzle game in C using ncurses library</li><li>Implemented a menu which provides options for the gameplay, the option to start a new game, or to continue one that was not finished.</li><li>Implemented a high-score mechanic that is saved over multiple games.</li></ul>	
<b>Mini Libc</b>   <i>C, Linux</i>	October 2024
<ul style="list-style-type: none"><li>Implemented a minimalistic standard C library for Linux systems</li></ul>	
<b>Custom Memory Allocator</b>   <i>C, Linux</i>	October 2024
<ul style="list-style-type: none"><li>Implemented the malloc, realloc, calloc and free functions using linux system calls</li></ul>	

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++  
**Developer Tools:** Git, VS Code, Visual Studio, IntelliJ