

Julia Abdel-Monem

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Education

College of Engineering	<i>University of Idaho - Moscow, ID</i>	Aug 2022 - May 2026
B.S. Computer Science	Music Minor	
GPA/Honors:	3.49/4.00, Deans List (Fall 22, Spring 23, Fall 23)	
Relevant Coursework:	<i>Data Structures, Advanced Computer Architecture, System Software, Operating Systems, Secure Coding and Analysis, Linear Algebra, Software Engineering, Calculus, Discrete Math</i>	
IB Diploma Program	<i>Renaissance High School - Meridian, ID</i>	Aug 2018 - May 2022
GPA:	3.29/4.00 - IB Score: 31/45	
Achievements:	<i>NAfME All-State 2020, NAfME All-Northwest 2021, 2022 Band President</i>	

Skills

Programming Languages: C/C++, C#, Rust, Python, Typescript/Javascript, Assembly, HTML, CSS, L^AT_EX
Tools/Frameworks: Git/Github, Linux (CLI, Arch Linux), OpenGL, React/Next.JS, VS Code, Godot
Interests: Linux/OS Development, Low-level Programming, Graphics Programming, Web Development

Projects

Personal Website	🌐 💽 React/Next.JS, Typescript, React-Spring, HTML/CSS	May 2023
• Developed a website to showcase my personal style and give myself a presence on the web		
• Showcases my personal projects and provides various methods to contact me		
Callsign Rolodex	🌐 💽 Next.JS/React, Typescript, HTML/CSS	Jul 2024
• Collaborated with K9BRQ to develop and implement a major feature		
• Used my HAM radio knowledge to add the ability to create repeater contacts		
Operating System	🌐 💽 Rust, x86-64 assembly	May 2024
• Developing a bare-metal operating system in Rust		
• Minimizing the amount of external code to develop my problem-solving techniques		

Work Experience

Cook @ Panda Express	<i>Meridian & Moscow, ID</i>	Nov 2021 - Jan 2025
• Worked in a fast paced environment, using clear and effective communication		
• Collaborate with others to ensure that the kitchen is well maintained		
Production Crew Member @ Lionel Hampton School of Music	<i>Moscow, ID</i>	Mar 2024 - Oct 2024
• As a team, we ensured the smooth operation of concerts held at the School of Music		
• Used my technical abilities to work through difficulties and develop solutions		