

Julia Abdel-Monem

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Education

College of Engineering *University of Idaho - Moscow, ID* 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: Data Structures, Advanced Computer Architecture, System Software, Operating Systems, Secure Coding and Analysis, Linear Algebra, Software Engineering, Calculus, Discrete Math

IB Diploma Program *Renaissance High School - Meridian, ID* Aug 2018 - May 2022
GPA: 3.29/4.00 - **IB Score:** 31/45
Achievements: NAFME All-State 2020, NAFME All-Northwest 2021, 2022 Band President

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 *Meridian & Moscow, ID* 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 *Moscow, ID* 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