

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 - Trumpet

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

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++, Rust, Python, Assembly, HTML, CSS, Typescript, LaTeX

Tools/Frameworks: Linux(CLI, Arch Linux), OpenGL, ImGui, React/Next.JS, VS Code

Interests: Linux Development, Low-level/Assembly 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* 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 - Present

- Worked in a team environment, using clear and effective communication
- Memorized recipes, Minimizing waste while cooking, and Maximized quality

Shift Lead @ Gyro Shack *Meridian, ID* Jun 2019 - Nov 2021

- Proposed methods for efficient workflows, many of which were implemented
- Focused on training others in their positions and led crews to ensure smooth operation