

# 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 new 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