

# Julia Abdel-Monem

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## Education

**University of Idaho** *Moscow, ID* Aug 2022 - May 2026

**B.S. Computer Science** - Minor In Music Performance

**GPA/Honors:** 3.49/4.00, Deans List (Fall 22, Spring 23, Fall 23)

**Relevant Coursework:** *Data Structures, Advanced Computer Architecture (Fall 2024), System Software, Operating Systems, Secure Coding and Analysis, Linear Algebra, Software Engineering*

**Renaissance High School** *Meridian, ID* Aug 2018 - May 2022

*International Baccalaureate Diploma Program; Total Points: 31/45*

*Certifications in Adobe Photoshop, Illustrator, and Indesign*

*MHS Marching Band, NAFME All-Northwest 2021 - Trumpet*

## Skills

**Programming Languages:** C/C++, Rust, Python, Assembly, HTML, CSS, Typescript, LaTeX

**Tools/Frameworks:** Linux(CLI), OpenGL/GLFW/GLM, ImGui, React/Next.JS, VS Code, Adobe CC

**Interests:** Linux Development, Low-level/Assembly Programming and Graphics Programming

## Projects

**Personal Website** 🌐 🌐 *React/Next.JS, Typescript, React-Spring, HTML/CSS* May 2023 - Present

- 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

**8 Bit Wordle** 🌐 *ATmega328p Assembly* Jun 2023 - Present

- Developing an arduino implementation of the game Wordle
- Designing a screen and input driver, as well as implementing game logic in assembly

**Operating System** 🌐 *Rust, x86-64 assembly* May 2024 - Present

- Working through basic OS concepts and bare metal programming in Rust
- Final Goal: Get into a user space and run Linux-native executables

## 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