

# Julia Abdel-Monem

👤 she/her ✉ [abde7751@vandals.uidaho.edu](mailto:abde7751@vandals.uidaho.edu) ☎ 208-922-0316  
🌐 [github.com/MusicalArtist12](https://github.com/MusicalArtist12) 🌐 [Juliaviolet.dev](https://Juliaviolet.dev) 🏠 Pullman, WA 📺 KK7TTO

## 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<sup>A</sup>T<sub>E</sub>X

**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