

# Jacob Harris

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<https://github.com/JacobHarris21>

## Objective:

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Computer Engineering student with strong communication skills and drive interested in embedded systems engineering. Looking to apply and expand on programming, electrical, and interpersonal skills through an internship.

## Education:

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**Cleveland State University**, Cleveland OH  
Bachelor of Science, Computer Science  
Minor in Mathematics  
GPA: 3.42/4.00

May 2023 – Present,  
Graduating May 2026

## Relevant Coursework:

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Discrete Mathematics, Data Structures and Algorithms (in progress), ...

## Technical Skills:

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**Programming:** Java, JavaScript, HTML, CSS

**Software:** Git, GitHub, Bash, Linux Command Line

**Platforms:** Windows, Linux

## Projects:

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### Mechanical Keyboard

3D modeled and printed, hand wired, and programmed an ergonomic mechanical keyboard with an integrated trackball using I2C protocol.

- Implemented QMK, an open-source firmware creation software
- Iterated on the layout and functionality with Git to create a sellable product

### Spray-Wall Scanner

- Implemented Meta AI Segment Anything Model to create a usable program to select certain pre-scanned holds on an indoor rock climbing wall to create categorizable routes.

## Coursework

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## Personal Interests

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Rock climbing, running, woodworking, banjo, programming