

Freja Kahle

Cincinnati, Ohio

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<https://frejakahle.github.io/portfolio/>



EDUCATION

University of Cincinnati, Cincinnati, OH

GPA: 2.905 | Expected Graduation: August 2025

Bachelor of Science, Computer Science

- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Programming Languages, Software Engineering, Machine Learning, Computer Networking, Database Design, Parallel Computing

SKILLS

- Python, C++, HTML, CSS, JavaScript, CUDA, Linux, Microsoft Office Suite

PROJECTS

Python Programming Project: Fadebot 2.0

November 2020-March 2022

Programming Project

- Designed and programmed a multi-core, multi-threaded, and partly asynchronous python program.
- Utilized Discord's bot API to allow multiple users to simultaneously listen to music/audio.
- Programmed to stream audio from the internet, mix multiple digital signals and optionally apply digital signal distortions (echo, reverb, muffling) and outputs a signal to Discord or to computer speakers.
- Use of multiple APIs for retrieving audio (YouTube, Spotify, Soundcloud).

EXPERIENCE

Plant Maintenance Intern

May 2024-August 2024

Alkermes / Wilmington, Ohio

- Created an instance list for all physical connections to their software counterparts for a previously unlisted building management PLC.
- Created scripts for training future maintenance team members on computer related tasks, such as remote desktop connections and PLC software.

Cashier

June 2021-August 2021

Jesse's Auto Service / Milford, Ohio

- Provided outstanding service to customers, kept shelves stocked, and tracked inventory and lottery information according to state guidelines.
- Created a clean, safe environment for all customers and other employees by adhering to COVID-19 guidelines, cleaning floors, shelves, products, and restrooms daily or twice a day.
- Handled funds from the register during close and secured it within company safe each day.

ACTIVITIES & AWARDS

Scouts

April 2011-November 2020

Eagle Scout, Senior Patrol Leader, & OA Representative

- Mentored and taught younger scouts to improve survival and leadership skills.
- Awarded with the Eagle scout rank in 2019.
- Proposed and planned a community service project to raise first flagpole at Loveland Presbyterian Church
- Led a team of volunteers to complete all aspects of landscaping and building required to ensure project's completion and ability to last through time.