

Freja Kahle

Cincinnati, Ohio

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



EDUCATION

University of Cincinnati, Cincinnati, OH

GPA: 2.859 | Expected Graduation: May 2026

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++, CUDA, HTML, CSS, JavaScript, MATLAB, Linux, Microsoft Office Suite

PROJECTS

Python Programming Project: Fadebot

November 2020-March 2022

Personal Project, co-author with Adam Zdrojewski / adam.zdrojewski2@gmail.com

- Designed and programmed an asynchronous python program with capacity to stream audio to and from internet, mix multiple digital audio signals and output one digital signal.
- Utilized Discord's bot API to allow multiple users to simultaneously listen to music/audio.
- Debugged hundreds of errors including those relating to asynchronous programming issues, data manipulation errors, and errors when utilizing Google's Firestore database schema.
- Coordinated and communicated with co-author to produce continuous flow for user experience.

Python Programming Project: CC Computer Vision

August 2021-February 2022

Personal Project

- Automated tasks for a game called 'Cookie Clicker' using computer vision.
- Used python libraries for computer vision to detect patterns on a screen.
- Data was then fed to a macro that would automatically click and perform tasks on the screen.

EXPERIENCE

Cashier

June 2021-August 2021

Jesse's Auto Service, Milford, OH

- 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 register during close and secured it within company safe each day.

EXTRACURRICULAR ACTIVITIES

Eagle Scout

April 2011-November 2020

Senior Patrol Leader & OA Representative, Troop 888

- Mentored and taught younger scouts to improve survival and leadership skills.
- 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.

Engineers Without Borders

December 2021- December 2022

Public Relations co-chair, University of Cincinnati

- Design and curate public website to improve user experience.
- Work in association with other co-chair to ensure website falls within design guidelines.
- Allow members of EWB-UC to make use of website tools with ease.