

Freja William Storm Kahle (she/her/hers)

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EDUCATION

University of Cincinnati, Cincinnati, OH

Expected Graduation: May 2025

Bachelor of Science, Computer Science

- GPA: 3.1
- Relevant Coursework: Data Structures and Algorithms, Python Programming, Discrete Structures, Intro to Computer Systems, Linear Algebra, Intro to Programming in C++, Engineering Design Thinking

SKILLS

- Python, C++, Java, HTML, CSS, Javascript, LabView, MATLAB, Raspberry Pi, Microsoft Office

PROJECTS

Python Programming Project: Fadebot

November 2020-Present

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

Engineering Design Thinking

August 2020-May 2021

University of Cincinnati, Cincinnati, OH

- Organized meetings and documented progress of technical projects through world pandemic
- Built an EV3 Lego Robot operating on LabView to follow marked lines in a simulated environment
- Designed, Built, and Tested a device to mitigate poor air quality found in most poverty stricken areas

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

Engineers Without Borders

December 2021-Present

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 to operate and with ease

Scouts BSA

April 2011-November 2020

Eagle Scout, 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, digging, paving, and hoisting required to ensure project's ability to last

Vex Robotics

August 2018-May 2020

Team Lead - Lead Programmer, Loveland High School

- Applied aspects of engineering and design processes to build and program a competitive robot
- Collaborated with other team members to schedule a cycle of building and practicing

AVAILABILITY

Available for alternating semesters beginning Fall 2022