Freja William Storm Kahle (she/her/hers)

Cincinnati, Ohio

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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

Loveland High School, Loveland, OH   August 2017-May 2020

- GPA: 3.8
- Relevant Coursework: AP Computer Science, Intro to Engineering, Digital Electronics, AP Physics

St. Xavier High School, Cincinnati, OH   August 2016-May2017

- GPA: 3.9

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

EXTRACURRICULAR ACTIVITIES

Engineers Without Borders   December 2021-Present

Public Relations co-chair, University of Cincinnati

- Design and curate public website to improve user experience

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 competetive robot

AVAILABILITY

Available for alternating semesters beginning Summer 2022