

Harrison Surma

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Education

University of Missouri

Bachelor of Science in Computer Science

Minor in Psychology

Columbia, Missouri

Anticipated Graduation: May 2025

GPA 3.74/4.00

Awards & Honors

Mizzou Honors College

August 2021 - Present

- A selective society that requires a maintained cumulative 3.5 GPA and allows enrollment in classes with higher rigor and unique content such as Behavioral Science and Writing & Rhetoric

Mizzou High Dean's List

Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023, Spring 2024

- Awarded to students with a minimum of a 3.5 GPA. Awarded each semester since Fall 2021.

Projects

- *Halloween Laser Tag*: Created and synthesized hardware and software system to register laser "hits" and engage IOT on various platforms devices through API in response.
- *Personal Web Apps*: Shuttle Timing, Availability Planning, & Constraint Satisfaction Problem based Meal Plan Generation. All made to be simple, clean, and universal.
- *"Disney FastPass" Replica Ornament*: Ornament with Arduino for NFC reading ornament with RGB ring light animation held in place with a Fusion 360 design 3D print harness.

Work Experience

Red Robin

Naperville, Illinois

Host

May 2021 - August 2021

- Provided excellent customer service and addressed customer needs in a timely manner.
- Communicated with servers to seat guests in accordance with server availability.
- Managed packaging and accepting payments for to-go orders in addition to regular duties.

Leadership & Volunteer Experience

SURF Underwater Robotics

University of Missouri, Columbia

Participation and Leadership in Software Group

2023-2024

- Work on motor communication and image processing for task completion.
- Leadership of software group, educating and preparing new members for coding and source control.

"DNA Night"

DuPage County, IL

Volunteering for local Elementary and Middle Schools

2014 - 2018

- Lead the group in charge of logistics for setup and cleanup of labs in a timely fashion.
- Helped manage setup and cleanup of the event in accordance with verbal standards.

"STEM Night"

DuPage County, IL

Volunteering for local Elementary Schools

2017 - 2018

- Ran presentation and information booth on 3D Printers.
- Supported food services, smaller labs, and other general setup work.

Miseracordia

Chicagoland Area, IL

A Community for Persons with Developmental Disabilities

2010 - 2016

- Supported annual fundraising event by volunteering and running at booths.
- Spread awareness through donation collection at store fronts and roads in the community.

Skills

JavaScript, C, Python, HTML, CSS, Java, Node.js, SQL, Assembly, Project Organization, Communication