Harrison Surma

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Education

University of Missouri	Columbia, Missouri
Bachelor of Science in Computer Science	Graduation: May 2025
Minor in Psychology and Mathematics	GPA 3.85/4.00
Certification in Web and Mobile Applications Development	Magna Cum Laude

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 - Present*
- 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.
- *Resume Generator*: A github repository that generates a pdf resume with github actions, yaml, and latex. This resume is version "v2025.04.30-0636" generated from the same repository.

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	*2023-2025*

- Work on motor communication, image processing, and state machine 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, React, SQL, Assembly, Project Organization, Communication