

Leah Holzwarth

636-352-5188 · lnholz724@gmail.com · lnhdy3@umsystem.edu

PROGRAMMING LANGUAGES AND FRAMEWORKS

C	Python	
C++	R	
SQL	Pandas	Linux/UNIX
HTML/JavaScript/CSS	NumPy	Git
PHP	Matplotlib	React

PROFESSIONAL EXPERIENCE

Emerson Electric

June 2022 - Present

Engineering Support Co-op

Assist with Teamcenter development projects and monthly releases, test new enhancements, assist with user support (ticket resolution), develop training documentation. Used PLM application Teamcenter, CAD applications, NX Solid Edge, Power BI, Python, Java, and C++.

Accomplishments:

- Created Python GUI Calibration Tool for quality engineers to improve excel spreadsheet process. Utilized openpyxl, pandas, and tkinter to build a user friendly application.
 - Developed a new department SharePoint site, coordinating across business groups, managed project deadline and expectations, and delivered a functional page to streamline departmental tasks.
 - Assisted with the configuration of workflows, creation of custom data models, ITK development, and the management of project implementation
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LEADERSHIP AND INVOLVEMENT

Women CAN (computing and networking) - Web Dev Lead

Responsibilities include coordinating the development and maintenance of the website. Leading a team of developers, delegating tasks, overseeing other members, designing, writing, and updating website content

UMSL Student Radio - PSA Director

Responsible for the production and distribution of public service announcements (PSAs) on air. Coordinated with campus organizations to develop PSAs to promote their events and initiatives resulting in increased awareness and involvement. Requires writing and customer service skills, as well as the ability to coordinate with and train other members of the UMSL radio.

Hackathon - PickHacks

Created a Unity game (Bunny Gains) using C# to teach users financial literacy through a stock market simulation. The player picks up berries and bread, which act as stocks and are varied in price, which the player sells in exchange for cash.

Computing Club

EDUCATION

University of Missouri - St. Louis

BS Computer Science & BS Data Science - December 2023

Relevant Computer Science Coursework

Algorithm Design and Analysis, Full Stack Web Programming, Object Oriented Programming, Computer Organization and Architecture, Discrete Math, Linux/UNIX, Database Management Systems, System Programming and Tools, Operating Systems

Relevant Data Science Coursework

Python for Data Science, Exploratory Data Analysis with R, Probability and Statistics, Data Mining