UNIVERSITY OF LOUISVILLE
J.B. SPEED SCHOOL OF ENGINEERING

Joshua Marr

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OBJECTIVE First Computer Science Internship Position May 3rd – August 16th, 2023

EDUCATION

Bachelor of Arts in Computer Science Expected May 2025
J.B. Speed School of Engineering, University of Louisville, Louisville, Kentucky **GPA 3.57/4.0**
Hours Completed: 49

SKILLS/COURSEWORK

Technical Skills/Relevant Coursework

- Python Programming
- C, C++
- **Java programming***
- **SQL (novice level)***
- Linux Terminal
- Discrete Structures
- Data Structures
- Calculus I
- Computer Systems
- Intro to Database

***Fall 2022**

APPLIED EXPERIENCE

Course Projects:
C: Created an insertion sort algorithm implementing macro programming
C: Created a phonebook, allowing the user to add, delete, and save phone numbers to a file
C++: Created a 3D tic-tac-toe game using object-oriented programming
Python: Created a program that produces a college campus database using object oriented programming.
Independent Projects:
Website Design: Used HTML and templates to create my own website hosted on GitHub (Please see https://jtm-uofl.github.io/)
Robotics Design and Programming: Designed, built, tested, and programmed both remote controlled and autonomously controlled robots in High School and University

WORK EXPERIENCE

United Parcel Service (UPS) May 2022 – October 2022
Package Handler Louisville, KY
- Work with others to load packages into feeder trucks and air cans

ACTIVITIES/HONORS

Member, **Association for Computing Machinery** (ACM), August 2022 – Present

- Member, **ACM Cyber Security Group**, August 2022 – Present
- Member, ACM Competitive Programming, August 2022 - Present

Member, **Redbird Robotics**, August 2021 – Present

- Programed autonomous aerial robot using ROS environment in Linux to compete in a competition

Vice President, **Vex Robotics**, August 2018 – May 2021

- Led a team of 4 that designed, built, and programmed an autonomous and manually controlled robot to compete in various games