

Jack Kurth

jmkurth@mtu.edu • (832) 504-1469 • www.linkedin.com/in/jkurth0

A third-year Computer Science student searching for a Summer 2026 internship.

Education

Michigan Technological University
BS, Computer Science, GPA 3.4
Honors: Presidential Copper Scholars

Expected Apr 2027

Skills & Certifications

- **Programming and Development:** Python, C, Java, Bash, SQL, HTML, JavaScript, JSON, PHP, Apache
- **Tools and Technologies:** Git, basic hardware troubleshooting, automation machinery
- **Mechanical and Technical:** Bike repair and maintenance, forklift operation (certified)

Work History

Team Supervisor, Edward C Grace Memorial Harbor Summer 2025

- Diagnosed and resolved real-time operational issues at a nationally ranked marina (6th in the USA)
- Acted as a first responder during maritime emergencies; collaborated with the Coast Guard and the sheriff's department
- Led team coordination, scheduling, and customer service in a high-traffic environment

Assembly Worker, Shorts Brewery Summer 2024

- Operated and maintained complex packaging equipment, including canning and kegging systems
- Gained exposure to PBD PLC programming and automation processes
- Troubleshoot hardware and software issues to minimize downtime

Project Experience

Personal Terminal Emulator May 2024

Tools: C, Bash

- **Built** custom software
- **Implemented** command parsing, input/output handling, and process control
- **Optimized** a low-level system

E Commerce Website Jun 2025

Tools: PHP, MySQL, HTML/CSS/ Apache

- **Build** Full stack
- **Implemented** backend functionality
- **Optimized** database configurations

Python Based Applications May 2025

Machine Learning + Blockchain API

- **API** Skills
- **Deployment** experience + **Backend** experience
- **Tensorflow**

AI-Powered Web Scraper Jul 2025

Tools: Python, Bash, Git

- **Implemented** personal software
- **Solved** a problem I personally had
- **Automation**, data collection, and real-world AI integration

Leadership & Involvement

Vice President, Kappa Delta Psi 2024 - Present

- *Handling* Judicial Affairs, *Overseeing* officers, *Organizing* events for brotherhood

Snowboard club 2023 - Present

Copper Country Cycling Club 2023 - present