

Cameron Tucker

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EDUCATION

Ohio State University

BS, Computer Science Engineering, AI Specialization

May, 2026

Columbus, OH

- 3.9 GPA
- Underwater Robotics Team - Software Team Lead
 - Lead a team developing and integrating advanced underwater robotic systems.
 - Manage the GitHub codebase, ensuring proper version control, code quality, and collaboration.
 - Developed YOLOv8-based perception components with ROS2 for object detection and pose estimation, and deployed a CVAT server for data labeling.
 - Created onboarding tutorials and documentation, and conducted meetings, training, and workshops to streamline member integration and foster knowledge transfer.
 - Oversee testing and development to ensure high performance and reliability.

WORK EXPERIENCE

AUX Technology

Founder & IT Specialist

Feb, 2022 – Present

Columbus, OH

- Founded and manage IT company focused on small business solutions
- Provided services in network support and hardware maintenance
- Implemented and managed database infrastructure
- Conducted regular assessments and optimizations of clients' IT infrastructure
- Resolved technical issues through systematic troubleshooting and analysis

Funtrail

Bookkeeper

May, 2022 – Present

Columbus, OH

- Oversee financial record-keeping and bookkeeping for a provider of vehicle accessories for trucks and vans.
- Handle invoices, maintain budgets, and ensure accurate book balancing.
- Utilize QuickBooks and Excel for financial management; developed custom scripts to automate vendor pricing updates within the CRM system.

Hero IT

IT Consultant

Mar, 2017 – Feb, 2022

Columbus, OH

- Administered and supported network systems for improved functionality
- Managed and maintained hardware to ensure optimal performance
- Implemented network security measures to protect sensitive information
- Delivered end-user training for increased technological proficiency

PROJECTS

- Data Collection Web Application: Web application for video frame data labeling.
- Stereo Vision Disparity Adjustment Tool: GUI for adjusting and visualizing stereo vision disparity maps.

Explore more projects at: camerontucker.com

SKILLS & INTERESTS

- **Skills:** Python; C++; ROS2; Git; OpenCV; Java; JavaScript; React; PyTorch; SQL; Networking; Project Management
- **Interests:** Robotics; Computer Vision; Piano Improvisation; Music Production; Fitness; Cooking; Gardening