

# Tory Yang

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## EDUCATION

### The Ohio State University

*Bachelor of Science in Computer Science and Engineering (Honors); GPA: 3.8*

Columbus, OH

*Expected May 2026*

## SKILLS/COURSES

**Languages:** Java, JavaScript, HTML/CSS, Python, C/C++, MATLAB, Swift

**Technologies:** Node.js, Express.js, React, MongoDB, Linux/Unix, Excel, CAD, SolidWorks, Git/GitHub, VS Code

**Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Web Design and Development, Computer Architecture, Artificial Intelligence, Software Engineering, Engineering Statistics

## EXPERIENCE

### Tender Care ABA

*HR Manager, IT Intern*

May 2023 – Present

*Cleveland, Ohio*

- Collaborated with team members to develop and maintain the company web page to ensure enhanced user experience and up-to-date content
- Built and programmed an interactive company calendar that could be used by both clients and staff
- Monitored, serviced, and resolved technical requests (hardware and software) to prevent similar issues
- Implemented improved processes in client acquisition, communication, and staff training to maximize efficiency

### The Ohio State University Club Tennis

*Financial Officer*

August 2022 – Present

*The Ohio State University*

- Produced models to accurately project the budget and allocate expenses throughout the year
- Maintained and managed the budget of 100+ club members, increasing team funds and efficiency by 20%
- Regularly engaged in communication and board meetings, fostering a collaborative and productive environment

### Artificial Intelligence Club

*Member*

August 2022 – Present

*The Ohio State University*

- Spearheaded the design and development of Python-based projects utilizing Google Colab
- Leveraged machine learning and other AI techniques to effectively analyze, classify, and predict housing prices
- Collaborated closely with peers in interactive workshops, tackling challenges and optimizing project outcomes

### Competitive Programming Club

*Member*

August 2022 – Present

*The Ohio State University*

- Learned and applied new algorithms, methods, and problem-solving techniques to enhance proficiency
- Explored and deployed diverse strategies aimed at optimizing runtime efficiency and reducing memory usage
- Competed against 100+ teams in various frequent and rigorous programming competitions

### Grade Potential

*STEM Tutor*

May 2022 – Present

*Cleveland, Ohio*

- Provided tailored tutoring sessions to multiple students weekly, covering a range of STEM subjects
- Developed customized lesson plans tailored to each student, resulting in measurable improvements in performance
- Cultivated relationships with students and parents, fostering encouragement and a supportive learning environment

## PROJECTS

### JPMorgan Code For Good 2023 | *MongoDB, Express, React, Node, Visual Studio Code, Git*

November 2023

- Collaborated with a team to develop a comprehensive MERN stack application benefiting Goodwill Columbus
- Integrated Full Stack components to promote Goodwill's program and stimulate real-time two-way communication
- Designed and implemented interactive components to enhance user experience and engagement
- Optimized performance through efficient code practices and responsive design techniques for various devices

### FEH Robot Competition | *C/C++, VS Code, SOLIDWORKS, Machine Shop*

August 2022 – May 2023

- Engaged in team collaboration to engineer an autonomous robot capable of navigating a predefined course
- Constructed a physical model and a virtual model utilizing CAD software to accurately model the robot
- Utilized various methods and machine shop resources to optimize material usage, adhering to budget constraints
- Regularly programmed and documented the robot to improve efficiency and minimize course completion time