Tory Yang

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EDUCATION

The Ohio State University — Columbus, OH
Bachelor of Science in Computer Science and Engineering (Honors); GPA: 3.93 — *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 — May 2023 – Present
HR Manager, IT Intern — *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 — August 2022 – Present
Financial Officer, Member — *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 by 20% from the previous year
- Regularly communicated and attended meetings with other board members to increase productivity

Artificial Intelligence Club — August 2022 – Present
Member — *The Ohio State University*
- Designed and developed a project using Python and Google Colab
- Integrated machine learning and artificial intelligence to analyze, sort, classify, and predict housing prices
- Worked with other club members during workshops to solve problems and improve project performance

Competitive Programming Club — August 2022 – Present
Member — *The Ohio State University*
- Learned and implemented new algorithms, methods, and skills to improve problem-solving skills
- Explored and utilized different methods to improve runtime and minimize memory usage
- Competed against 100+ teams in various frequent programming competitions

Grade Potential — May 2022 – Present
STEM Tutor — *Cleveland, Ohio*
- Tutored multiple students every week in all subjects of STEM
- Developed creative individualized lesson plans for each student, improving average student scores
- Formed personal bonds with each student and parents, improving and enhancing student experience

PROJECTS

JPMorgan Code For Good 2023 | *MongoDB, Express, React, Node, Visual Studio Code, Git* — November 2023
- Worked with a team to develop a MERN stack application for Goodwill Columbus
- Integrated Full Stack components to promote Goodwill's program and stimulate real-time two-way communication
- Implemented Tailwind and various mobile features to improve the user interface and enhance user experience

FEH Robot Competition | *C/C++, VS Code, SOLIDWORKS, Machine Shop* — August 2022 – May 2023
- Collaborated with a team to brainstorm and design an autonomous robot that could complete a given course
- Constructed a physical model using cardboard and a virtual model using CAD to accurately model the robot
- Used the machine shop and different methods to optimize material usage to stay within the given budget
- Regularly programmed and documented the robot to improve efficiency and minimize course completion time