<div align="center">

CINDY YANG

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EDUCATION

University of Michigan — Ann Arbor, MI
Bachelor of Science in Engineering - Computer Science & Robotics — *May 2026*
GPA: 4.00/4.00
Relevant Coursework: Data Structures & Algorithms, Robotics Mechanisms, Human-Robot Systems, Differential Equations, Discrete Math

Thomas Jefferson High School for Science and Technology — Alexandria, VA
Advanced Studies Diploma — *June 2023*
GPA: 4.59/4.00 • SAT: 1590
Relevant Coursework: Programming & Data Structures, Linear Algebra, Multivariable & Vector Calculus, Artificial Intelligence, Machine Learning, Computer Vision, Web/Mobile Application Development

WORK EXPERIENCE

Vytal AI — Remote
Software Developer — *June 2023 - Present*
- Developed a quantitative brain health assessment app in the span of 8 weeks using Next.js, MongoDB, Flask, and AWS, bringing in over 1.3M in investments and a 12.5M valuation
- Contribute to the startup's white paper to partner with companies such as NVIDIA

Yext — Arlington, VA
Software Engineering Intern — *June 2022 - August 2022*
- Performed Quality Assurance checks for a React component library
- Adapted the branding of Yext Search; deprecated npm packages and updated repositories
- Devised Yext Studio, a vital product for the company's Spring 2023 Release

ADDITIONAL EXPERIENCE

M-Fly - Aerospace Engineering Project Team — Ann Arbor, MI
Autonomous Software Subteam — *August 2023 - Present*
- Build an aircraft capable of autonomous flight and navigation to compete in Student Unmanned Aerial Systems (SUAS) competition
- Engineer the execution of specific flight systems and computer vision tasks

Thomas Jefferson High School for Science and Technology — Alexandria, VA
Computer Systems Researcher — *August 2022 - May 2023*
- Engineered a mechanism & developed a reinforcement learning algorithm to automate the solving of the Perplexus puzzle; presented research paper at tjSTAR 2023

George Mason University - Aspiring Scientists Summer Internship Program — Fairfax, VA
Machine Learning Researcher under Dr. Mihai Boicu — *June 2022 - August 2022*
- Developed an ontology model to automate the generation of academic course curricula; presented abstract at ASSIP's annual symposium

SKILLS

Languages: Java, Python, JavaScript, TypeScript, C++, HTML, CSS, Arduino, Jupyter Notebook
Tools/Frameworks: React.js, Next.js, Git, Node, Firebase, MongoDB, Flask, Android Studio
Subjects: Software Engineering, Machine Learning, Artificial Intelligence, Computer Vision