

# Alex Zhang

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Stanford University

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I'm a Stanford student pursuing a bachelor's in Aeronautics and Astronautics and master's in Computer Science, seeking internship opportunities. My expertise includes: **C; C++; Java; Python3; LaTeX**

## Education

- **Stanford University** 2021–2025 (expected)  
*B.S. Candidate, Aeronautics and Astronautics, M.S. Candidate, Computer Science*
  - Audited and completed **CS107: Computer Organization and Systems (in C)** during the summer before freshman year.
  - Completed coursework in MATH51: Linear Algebra, Multivariable Calculus, CS 109: Introduction to Probability for Computer Scientists (in **Python**)
- **Collierville High School** 2017–2021  
*Valedictorian, AP Scholar with Distinction, National Merit Finalist* GPA: 4.80/4.0

## Professional Experience

- **Memphis Junior Science Association** September 2019–  
(<https://memphisjrscience.org>)  
*Co-director, Founder*
  - Oversee curriculum development, finances, and logistics of 3 outreach programs and events reaching **3400+ individuals through 450+ hours of community service.**
  - Organized partnerships with the YMCA of the Mid South, Collierville & Memphis Public Libraries, the US Space and Rocket Center, and numerous children's museums.
  - Managing Youtube channel with **8000+ views and 350+ hours of watch time.**
  - Designed website with over **16,000 lifetime page views.**
- **PIXEL (supervised by IBM, MiBio)** May 2016–May 2017  
*Lead Programmer*
  - In collaboration with a former CTO of IBM and a local medical startup, I worked on creating an AI-based desktop application using a committee of machines (**in Java**) to identify and extract critical information in medical documents.

## Volunteer Work / Academic clubs

- **Stanford Student Space Initiative**
- **Stanford Solar Car Project**
- **Stanford Blyth Fund**
- **CHS Science Olympiad**  
*3-year Captain, Regional Champion Team*
- **CHS Science Bowl**  
*2-year Captain, State Champion Team*