

Alex Zhang

Stanford University

Computer Science, Aero/Astronautics

alxzhang@stanford.edu | (901) 457-9968 | www.linkedin.com/in/alxzhang

EDUCATION

Stanford University

B.S. Candidate, Aeronautics and Astronautics,

2021–2025 (expected)

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

Valedictorian

GPA: 4.80/4.0

2017–2021

- AP Scholar with Distinction
- National Merit Finalist

PROFESSIONAL EXPERIENCE

Memphis Junior Science Association (<https://memphisjrscience.org>)

Co-director, Founder

September 2019–

- 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)

January 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.

SKILLS

- **C; Java; Python3; LaTeX**
- Microsoft Suite; Google Suite; Weebly; Mandarin Chinese (native fluent)

VOLUNTEER WORK / ACADEMIC CLUBS

- Stanford Student Space Initiative
- Stanford Solar Car Project
- Stanford Blyth Fund
- CHS Science Olympiad
- CHS Science Bowl

3-year Captain, Regional Champion Team
2-year Captain, State Champion Team