

## Miya Zhao

Fort Mill, SC | [miya.zhao@yale.edu](mailto:miya.zhao@yale.edu) | (803) 448-5626 | [Linkedin](#)

### EDUCATION

- Yale University** *B.S. Statistics and Data Science & Certificate in Programming* **August 2023 - [Current]**
- *Coursework:* Data Exploration & Analysis, Probability Theory, Theory of Statistics, Data Analysis, Linear Models, Computational Linguistics, Intro to Computer Science, Social Psychology, Research Inquiry & Presentation
- London School of Economics and Political Science** **June 2025 - August 2025**
- *Coursework:* Computational Methods in Financial Mathematics, Introduction to Data Science & Machine Learning

### EXPERIENCE

- Yale International Genetically Engineered Machine/ Farren Isaacs Lab** **Dec 2024 – [Current]**
- President | Wet Lab Lead | Student Researcher*
- Designed and implemented research protocols for novel protein functionalization through non-standard amino acid incorporation (L-asparaginase), bridging technical development with real-world applications
  - Lead team to the 2025 Paris iGEM Jamboree where Yale won its first gold medal in 15 years
  - Developed integrated human practices strategy (“You Are What You Fund Project”), sparking global conversations (across 4 continents and 7 countries) on science funding and public trust
  - Managed \$48K+ budget; secured \$10K+ in-kind industry partnerships (Abcam, NEB, Twist Biosciences, IDT) through pitching and negotiation
  - Built a prototype modeling tool leveraging logistic regression to optimize experimental workflows
- Yale Asian American Cultural Center** **Aug 2024 – [Current]**
- Undergraduate Student Coordinator | Historical, Artistic, and Cultural Resources Team*
- Planned and executed high-impact events (300+ attendees), strengthening community engagement across Yale’s pan-Asian student population
  - Designed and launched a new student arts space, overseeing end-to-end rollout from concept to opening event
  - Facilitated partnerships with other Yale cultural centers, improving cross-community collaboration and programming

### LEADERSHIP/ACTIVITIES

- Chinese American Student Association** **Sep 2023 - [Current]**
- President | Cultural Chair*
- Directed one of Yale’s largest student organizations (900+ members, \$5K+ budget), overseeing strategic planning, programming, and board operations
  - Managed 20+ board members, leading weekly leadership meetings and delivering 20+ events each semester
  - Spearheaded cultural showcases (300+ attendees) including Hot Pot Night, Mid-Autumn Festival, and CASA Showcase
  - Negotiated sponsorships with corporations and individuals, strengthening external partnerships and funding sustainability
- Yale Hunger and Homelessness Action Project** **Sep 2023 - [Current]**
- FAST Digital Marketing Lead*
- Directed digital strategy for Yale’s largest fundraising initiative, raising \$33K+ for New Haven communities experiencing housing and food insecurity
  - Led a creative team to produce marketing campaigns that drove 2,700+ sign-ups (largest participation since pre-COVID)
  - Designed multimedia and branding assets to optimize reach and user engagement
- Yale Computer Society** **Sep 2025 - [Current]**
- Catalyst Mentee*
- Created a series of projects including a personal portfolio on React under the mentorship of Yale Computer Society mentors

### SKILLS

*Technical:* R, Python, React, Prism, Adobe Creative Cloud, Canva, Molecular Biology Wet Lab Skills  
*Certifications:* Microsoft Office Specialist (Excel, PowerPoint, Word), CITI Program BioSafety, WorkKeys Platinum Level  
*Languages:* English (fluent), Mandarin Chinese (intermediate), Spanish (intermediate), Fuzhou dialect (conversational)