

Anthony Tang

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Dear Hiring Managers,

I'm a student at Rice University and plan to graduate in 2027 with a BS in Computer Science, a BA in Statistics, and a minor in Data Science. I was born in Round Rock, Texas, but grew up in Austin, Texas, for most of my life. I'm super into reading, playing with my dog, and playing tennis and pickleball. I also have an extensive music background through playing the trombone and bass trombone for 7 years. Through these and other experiences, I have developed skills such as teamwork, leadership, problem-solving, communication, adaptability, and perseverance.

I've always been interested in engineering and computers since I was a little kid. I was always curious about how things worked and creating something tangible of my own. I also loved playing video games as a child, and these two interests led me to take computer science courses in school, where I fell in love with this industry as I could use my curiosity, passion for problem-solving, and creativity to make solutions that could benefit the world. To pursue this passion, I have made several personal projects and have had several software engineering internships, where I've made significant impacts.

Throughout my internships, I have consistently delivered value on complex, large-scale systems. At WhyAI, I am currently improving backend modularity by refactoring over 70% of the codebase using dependency inversion and injection, while implementing multi-threaded processing to increase API efficiency by 50%. Previously at Curriculum Associates, I boosted developer efficiency by 50% through the creation of a visualization tool for 100,000+ data points and migrated 30% of critical features to React.js. I also achieved 1st place in a company-wide hackathon by developing an automatic transcript generator that increased efficiency for lesson creators by over 50%.

Beyond my professional roles, I am passionate about exploring the cutting edge of technology, particularly in the AI/ML space. I recently authored a research paper accepted to the LM4UC Workshop at AAAI-26, where I developed a benchmark framework to evaluate if interpretability methods can explain LLM failures using Gemma-2 2B. My personal projects also include a real-time translation engine for smart glasses using the AugmentOS SDK and Supabase to achieve sub-second latency, showcasing my ability to independently learn and apply complex concepts to solve challenging problems.

My experiences have also solidified my technical skills and honed my ability to collaborate effectively within Agile teams. I am a dedicated and fast learner, confident that I can quickly master new technologies and begin making significant contributions to your team.

Thank you for considering me for this program. I look forward to hearing back soon!

Sincerely,

Anthony Tang