

I believe in the power of personalized education and contribute to the academic community through two distinct avenues: **resource creation** and **direct mentorship**.

My **resource creation** began when I noticed that many specific advanced math/CS courses I wanted to take lacked publicly available scribed notes. To fill this gap, I resorted to a specialized workflow using Vim and Inkscape that allowed me to typeset \LaTeX in *real-time*. This enabled me to turn live lecture notes into detailed, self-contained write-ups, which I then release publicly upon permission of instructor. (Some of these are linked in my CV.) It has been incredibly fulfilling to see these notes circulate widely within the USC undergraduate STEM community, serving as essential resources for students navigating through advanced math/CS curriculum.

Beyond creating materials, I view Teaching Assistant-ships as an opportunity for **direct mentorship**. I take great joy in the process of teaching! I focus on adapting my explanations to individual learning styles, whether that involves sketching geometric intuitions for visual learners, or providing rigorous algebraic derivations for those who prefer formality. I take pride in making abstract topics accessible, a commitment reflected in the numerous personal thank-you letters I receive each semester. I look forward to bringing this dedication to student success at Northwestern!