I care deeply about multidisciplinary academic engagement. I believe that this is indispensable for developing holistic understandings of both machine learning models and the phenomena they represent. I engage with individuals from many backgrounds: fellow undergraduate researchers, non-CS students, and the broader online community, as follows.

Undergraduate researchers. I was actively involved in developing Interactive Intelligence (I2), which provides resources for student-led research in neuroscience-inspired AI that are often inaccessible outside of the CS department. I also led the Philosophy of Deep Learning reading group at I2. Over the past two years, we raised over $25k for research for over 150 students from widely varying backgrounds. I learned about the **value of intellectual diversity when formulating and solving interesting and novel research problems.**

Non-CS students. I TA for introductory programming courses at the Allen School, which are usually a non-CS-major's first contact with CS. I also TA for English courses, where I've worked to incorporate critical thinking about the historical, sociopolitical, and philosophical theory of media and technology into the curriculum. Additionally, I participate in UW's gay and queer support/affinity groups. Particularly, I have led discussions on both the dangers and liberatory potential of AI technologies for queer identities, perspectives, and people. These engagements have taught me **how to think critically about computing in widely different contexts** and **how to talk about computing with nontechnical audiences.**

Online community. I enjoy communicating syntheses of the field and highlighting work, methods, and ideas I think are underappreciated. I write a somewhat popular blog and have written two books on deep learning, one on topics often omitted from introductory approaches[1] and the other on (overlooked) deep learning methods for tabular data[2]. I've learned how to convincingly **identify and communicate currently unpopular/unnoticed but promising ideas.**

[1] Andre Ye. *Modern Deep Learning Design and Application Development.* Apress Berkeley (Springer Nature), November 2021. 451 pages. https://doi.org/10.1007/978-1-4842-7413-2.
[2] Andre Ye, Zian (Andy) Wang. *Modern Deep Learning for Tabular Data*. Apress Berkeley (Springer Nature), December 2022. 842 pages. https://doi.org/10.1007/978-1-4842-8692-0.