ZHIYAO DUAN SERVICE STATEMENT

In my view, doing voluntary service work not only helps me grow as a colleague and researcher, but it is also an important way to return my appreciation to the University and the academic community. In this document, I will highlight some service work I have done at the University of Rochester and in the academic community since my tenure promotion in 2020.

University of Rochester

Within the ECE department at the University, I have served on several committees since I returned from my sabbatical leave in 2022. As a member of the **Graduate Admissions Committee** (2022-present), I took a major role in recruiting graduate students, especially those with the concentration on musical acoustics and signal processing, signal and image processing, and communications. I am serving as the **Academic Advisor** for Class of 2026 of the Audio and Music Engineering (AME) program, which has about 15 students. On the **AME Curricular Committee** (2022-present), I took a major role in revising the AME curriculum which aims to solidify the technical foundation of our students. I participated in the discussions of the proposal of establishing the Rochester Sound and Music Institute and actively connect the AME program with the Eastman School of Music. I continue **inviting researchers** to give talks in ECE from other institutions, including Ohio State University, CMU, Michigan State University, and MIT.

At the university level, I am on the **Faculty Council** of the College of Arts, Sciences and Engineering from 2022 to present. Since Fall 2024, I have been further elected to its **Steering Committee**, where I actively participate in all activities. In particular, I initiated the collection of feedback on parking issues of graduate students, pushed forward the discussions among faculty council representatives and the invitation of the parking office to present at the faculty council. I also spent efforts in seeking clarifications about the test-optional undergraduate admission policy that the university started to implement since 2021. I also served on the **Decanal Review Committee** for Hajim School of Engineering and Applied Sciences in 2020.

Academic Community

Since the tenure promotion, I have been taking on several new services in multiple research areas.

I was elected as the **President-Elect** of the International Society for Music Information Retrieval (ISMIR) in the 2022-2023 term and become the **President** in the 2024-2025 term. The ISMIR society is a non-profit organization that promotes the research and teaching in music information retrieval. It has two primary publication venues, the annual ISMIR conference and TISMIR journal. It has a suborganization on Women in MIR (WiMIR) that promotes women and underrepresented minority groups in the society. It also runs an annual research benchmark evaluation, the MIREX. As the president, I **lead a Board of Directors** to oversee the administrative tasks of the society, including the arrangement and collaboration with ISMIR conference organizers, the coordination with TISMIR editors, WiMIR organizers, and MIREX organizers, the management of digital assets of the society including websites, proceedings, DBLP and indexes, the maintenance of society documents such as the By-Laws.

In addition to these regular tasks, I have been **leading multiple initiatives**. Continuing from the previous Board's effort, we formalized the incentive mechanism for conference organizers to use conference surplus toward local MIR activities. We started the Scopus indexing process for ISMIR proceedings. Together with community members and ISMIR 2024 organizers, we led the discussions of open review practices for ISMIR and implemented one practice at ISMIR 2024. We started working on renovating the society website. Together with TISMIR editors, we tried out presenting TISMIR papers at ISMIR conferences and are working on formalizing this mechanism. We also financially supported TISMIR to waive publication fees if authors request. Discussing with WiMIR organizers, we dedicated one Board position as a liaison person for WiMIR activities. We financially supported Latin America MIR (LAMIR) workshop to promote MIR in regions where MIR research is emerging.

In the ISMIR society, I also served as a **WiMIR Mentor** since 2021, mentoring female students and scholars on career development. My mentees included undergraduates, graduate students, post-doctoral researchers and assistant professors. I felt a sense of fulfillment when they appreciated me for the mentorship, as I also learned much from them.

From 2022 to 2025, I served as the **Associate Editor** of IEEE Open Journal of Signal Processing (OJSP). Since 2023, I have been serving as the **Senior Area Editor** of IEEE Signal Processing Letters (SPL). Since 2023, I have also been serving as a **Member of the Audio and Acoustic Signal Processing Technical Committee (AASP-TC)** of the IEEE Signal Processing Society.

In 2021, I served as the **Scientific Co-Chair** of the ISMIR 2021 conference. In this role, I initiated a Special-Call-for-Papers on Cultural Diversity in Music Information Retrieval, with the aim of promoting cultural diversity of MIR research. With a positive response from the community, together with the other Scientific Co-Chairs, I then served as a **Guest Editor** of the Transactions of International Society for Music Information Retrieval (TISMIR) on the Special Collections on Cultural Diversity in Music Information Retrieval, further promoting the cultural diversity in MIR research. At Interspeech 2024 conference, I served as a **Session Chair**. At the IEEE Spoken Language Technology (SLT) Workshop, I **co-organized a special session** on Singing Voice Deepfake Detection.

I have served in the **Program Committee** of many international conferences, including IEEE Workshop on Applications of Signal Processing to Audio and Acoustics (WASPAA), International Society for Music Information Retrieval Conference (ISMIR), Interspeech, IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP).

I have been an active **Reviewer** of many journals and conferences, including IEEE Transactions on Audio, Speech and Language Processing, IEEE Transactions on Image Processing, IEEE Transactions on Human Machine Systems, IEEE Transactions on Knowledge and Data Engineering, IEEE Transactions on Multimedia, IEEE Journal of Selected Topics in Signal Processing IEEE Multimedia, IEEE Signal Processing Magazine, IEEE Signal Processing Letters, ACM Transactions on Intelligent Systems and Technology, ACM Transactions on Multimedia Computing Communications and Applications, EURASIP Journal on Audio, Speech and Music Processing, EURASIP Journal on Advances in Signal Processing Elsevier Computer Science Review, Elsevier Computer Communications , Elsevier Journal on Computer Methods and Programs in Biomedicine, Elsevier Speech Communication, Journal of New Music Research, Music Perception, Neural Processing Letters, Journal of Audio Engineering Society, ACM Multimedia, AES Audio Engineering Society Conference on Semantic Audio, Audio Mostly, EUSIPCO, ICASSP, ICME, Interspeech, ISMIR, NeurIPS, ICLR, WASPAA, and DCASE.

Future Plan

Looking forward, I plan to continue doing service work. Within the University, I plan to play a more active role in contributing to the growth of the ECE department and the AME program. In the academic community, I plan to continue taking on leadership roles at academic societies, journals, conferences, and research initiatives.