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Synchronous Audio Conversation
CS 498

Motivation: I wanted to create a visualization that helps you clearly visualize who is dominating a conversation. You can also tell how often, in what intervals, a person talks. Furthermore, it also helps you view the pitch is people’s voice.

Visualization: The visualization captures synchronous conversation and converts it into a graphical form. The cone-like pieces form when someone is talking. The height of the cones represents the pitch of the person’s voice. The width of the cone’s base is represents the length of person’s conversation. Different people are characterized with different colors. In the visualization below, two people are having a conversation. Pauses in the conversation are shown by activity on the black spiral line. New conversation emerges from the center of the spiral and moves outward as more time passes.