DRIFT AI

CMSI 4072 PROJECT PROPOSAL

AUGSUT WETTERAU

WHAT IS DRIFT?

Drift is an app that uses conversational AI to put users into professional situations to improve their speech. Whether it’s going to a career fair, getting into the elevator with the CEO, or just running into someone in the office, Drift lets users practice real conversations in a low-pressure environment. Other apps focus on high stakes areas such as interview, but situations like these can be just as high stakes, even if it feels more casual. Most people don’t know how they would really be in a situation until they experience it, and this aims to help point users in the right direction. After every scenario, the transcript will be sent to another external AI, which will score the user’s responses not only through text, but through their vocal tone. It will give specific tips so the user knows what to focus on improving.

AUDIENCE

- Students looking for an internship/job
- Anyone who is starting a new job
- People who have trouble reading social situations
- International individuals who have trouble picking up on the small intricacies of English (especially in a professional environment)

WHY IS THIS APPROPRIATE?

Both generative AI and mobile development are extremely interesting to me. I have taken many AI classes, but have a huge passion for mobile development. I have only ever used Swift for iOS development, so making an app using React Native would be a great learning experience for me, but also working with AI is something I should get comfortable with. This project specifically interests me as I have been in situations like these and realized I totally botched it. I thought I knew how to act in these scenarios, but when it came down to it I had never practiced in them specifically so I didn't know what to say. An app like this would help me personally, and I'm sure i would help many other people if I could get it published.

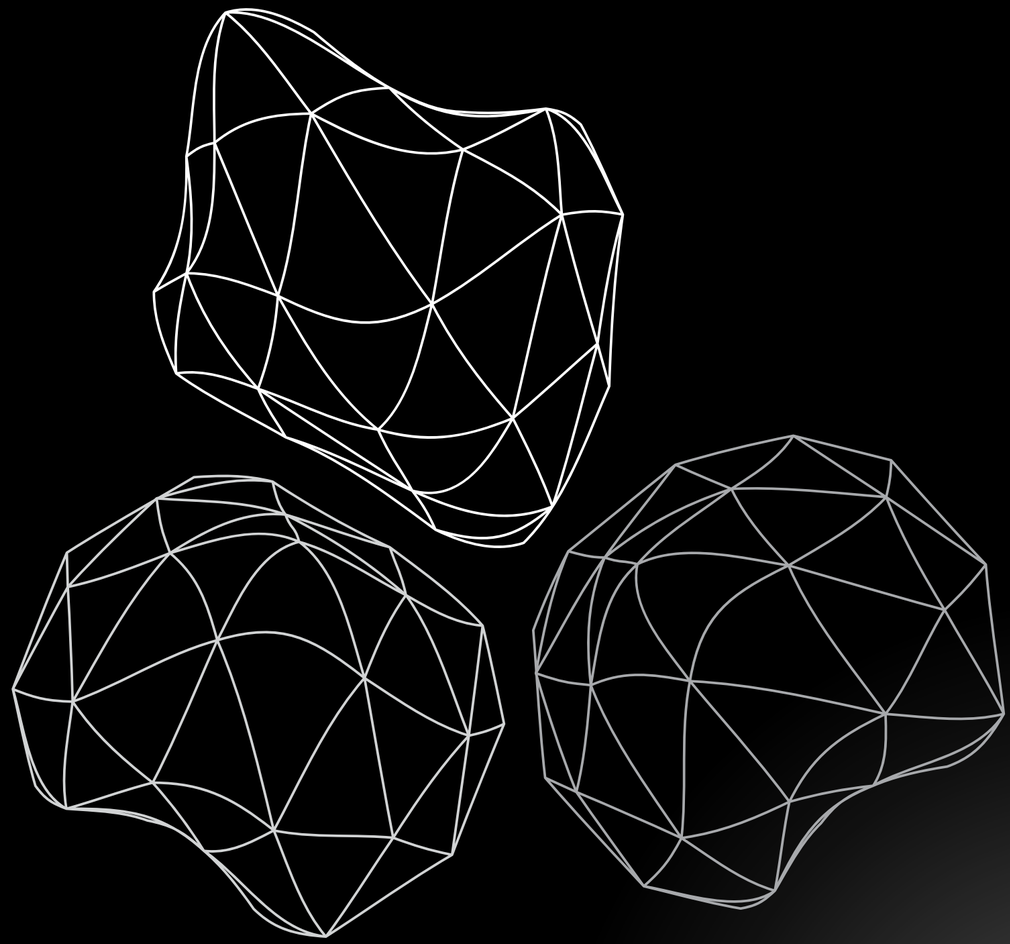
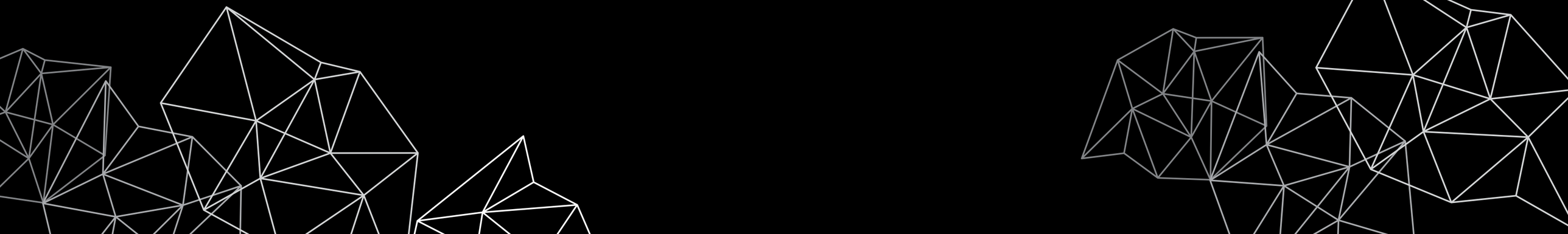
TECHNOLOGIES

Have experience with:

- Supabase
- iOS development (Xcode/Swift)

Will learn for this project:

- React native for iOS and android support
- Hume EVI 3 (Speech to speech model)
- Hume Speech Prosody (Tone analysis)
- Android development (Kotlin)



QUESTIONS?