SocialSensor
By StorkeAI
OUR TEAM

Krishna Nanda
Team Lead

Renee Labutay
Scribe

Regina Weinreb

Alex Rasla

Raymond Deng

MENTORS

Lauren Hedberg

Caitlin Davis

Luan Vieira

Rachel Pham
THE PROBLEM
The Social Effects of ASD
Core Symptoms of ASD within Social Situations

- Understanding context in social situations
  - Overwhelming sensory inputs
  - Inability to read non-verbal communication cues
OUR SOLUTION

A Video Conferencing Platform that Provides Real-Time Sentiment Analysis
SOCIALSENSOR OVERVIEW

Provide real-time sentiment analysis using facial cues

ASD Friendly Filters to combat visual overstimulation

Generate post-call sentiment reports as a retrospective learning tool
Alex's emotions will be displayed here.
NOVELTY & CHALLENGES

NOVELTIES

- P2P
- Lightweight and decentralized
- In-browser Tensorflow.js analysis
- Customizable chrome extensions for developers

CHALLENGES

- Accurate and real time sentiment model
- User testing and feedback
- Non-distracting, subtle UI design for ASD
NEXT STEPS

Our Plans for Winter Quarter
NEXT STEPS

Perform User Testing
Partner with the UCSB Autism Center and other non-profit organizations to perform user testing.

Configure Different Extensions
Users will be able to choose from several options to optimize their video call. Some options include a B/W video, blurred out background, etc.

Update UI
Improve the UI and ensure that this product reflects our team’s goals.
Thank you!

ANY QUESTIONS?