

# DAVID ADLER

Developer portfolio

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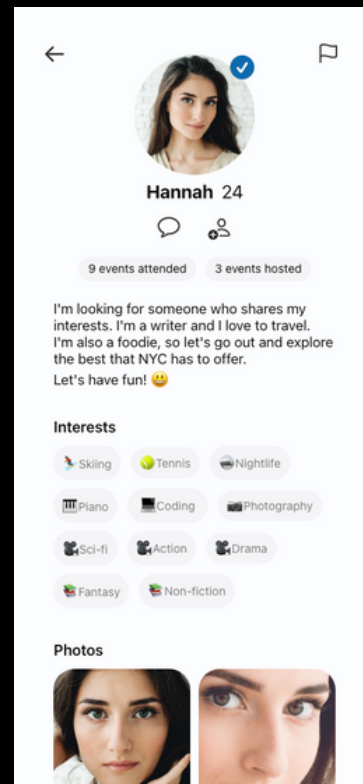
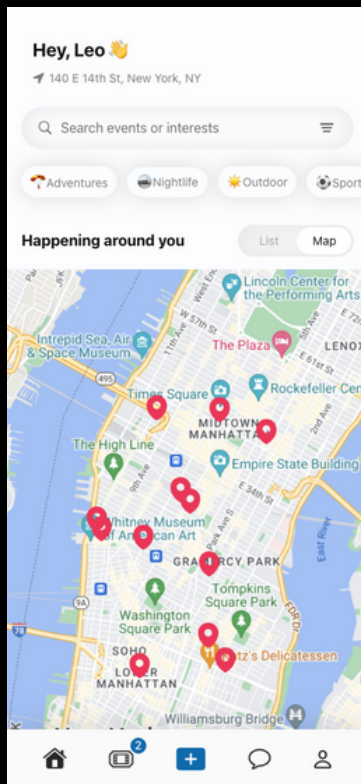
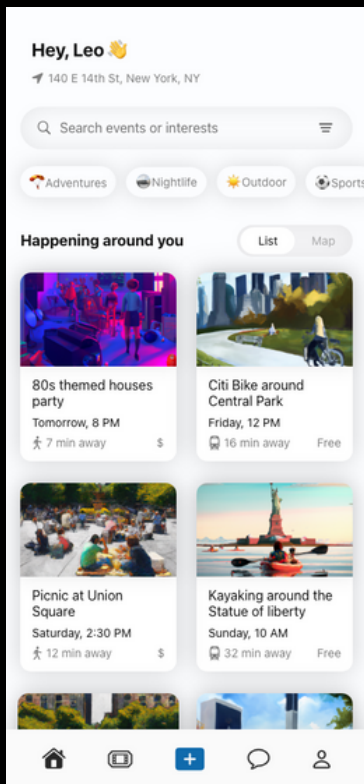


# My skills

- **Programming languages:** Python, Java, HTML/CSS, Javascript/Typescript, C/C++, SQL, Dart, Haskell, R.
- **Framework & APIs/tools:** Flutter, Firebase, Swift, Flask, OpenAI (ChatGPT/DALL-E/Whisper/TTS), open source LLMs (Huggingface, Replicate, AWS Sagemaker), Node.js, Next.js, Express, React, Tailwind, REST APIs, Google Maps API, Stripe, Twilio, Google Cloud, Azure, WolframAlpha, GitHub, Vim, and more.
- **Mobile:** 4 years of experience as a full-stack mobile app developer.
- **Adobe:** Proficient in all things Adobe (Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, etc.)
- **UX/UI design:** Designed 5 mobile apps and websites in Figma and Adobe XD.
- **3D/CGI & Animation:** 11 years of experience with 3D simulation and CGI (Blender, Unreal Engine 5, Maya, Cinema 4D)

# GoSeek

Mobile app



An app where NYU students can post and join other people's activities/hangouts and make friends with similar interests. Available on the App Store and Google Play. An NYU email is required to sign up (contact me for demo credentials).

My roles: CEO CTO Developer Designer

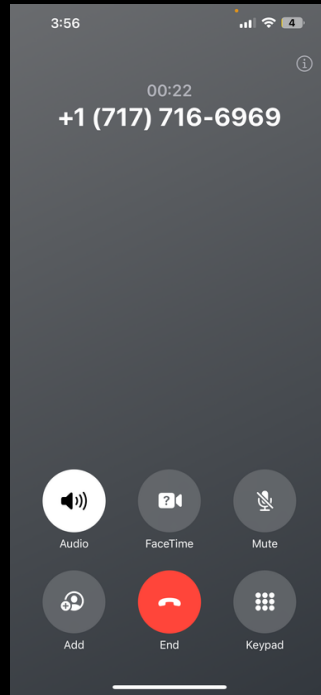
Tech stack: Flutter Firebase Typescript Maps API

Job type: Startup

Demo: Download the app at [justgoseek.com](https://justgoseek.com) or [watch this video](#)

# AI Call Assistant

AI-powered IRV system



When I receive a call and don't pick up, it gets forwarded to my virtual AI assistant. I fine-tuned GPT-4 with transcriptions of my calls and cloned my voice with ElevenLabs. It uses Retrieval Augmented Generation and a vector database to store information about me, including calendar appointments. I'm currently selling the technology to restaurants on [shoyuai.com](https://shoyuai.com).

My roles: **Developer**

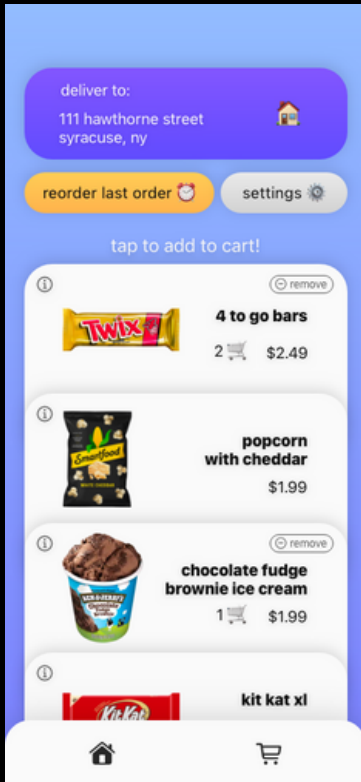
Tech stack: **Flask** **GPT-4** **RAG** **Twilio** **Whisper**

Job type: Passion project

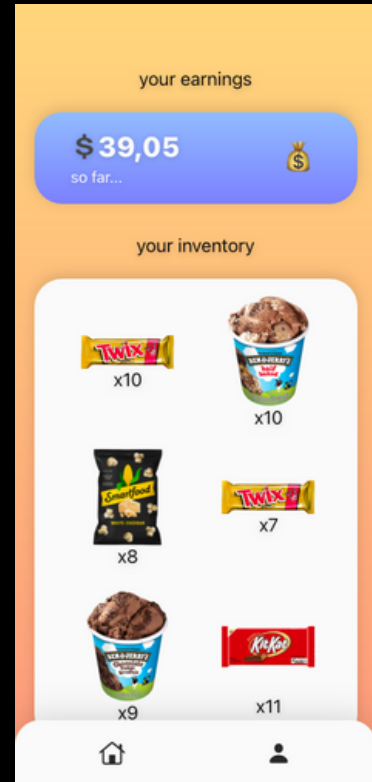
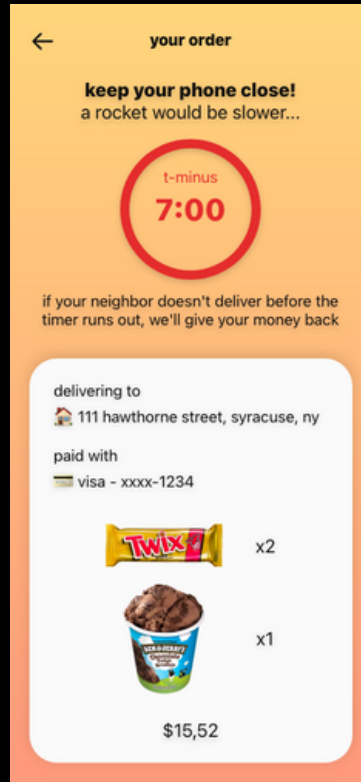
Demo: Call [\(646\) 713-1969](tel:6467131969) to speak to the AI or go to [shoyuai.com](https://shoyuai.com)

# Hiphen

Mobile & web app



Customer app



Seller app

An ultra-local snack delivery service where sellers store products in their homes and deliver them to their neighbors in 3 minutes. Currently being beta-tested in Columbia University.

My roles: Developer Designer

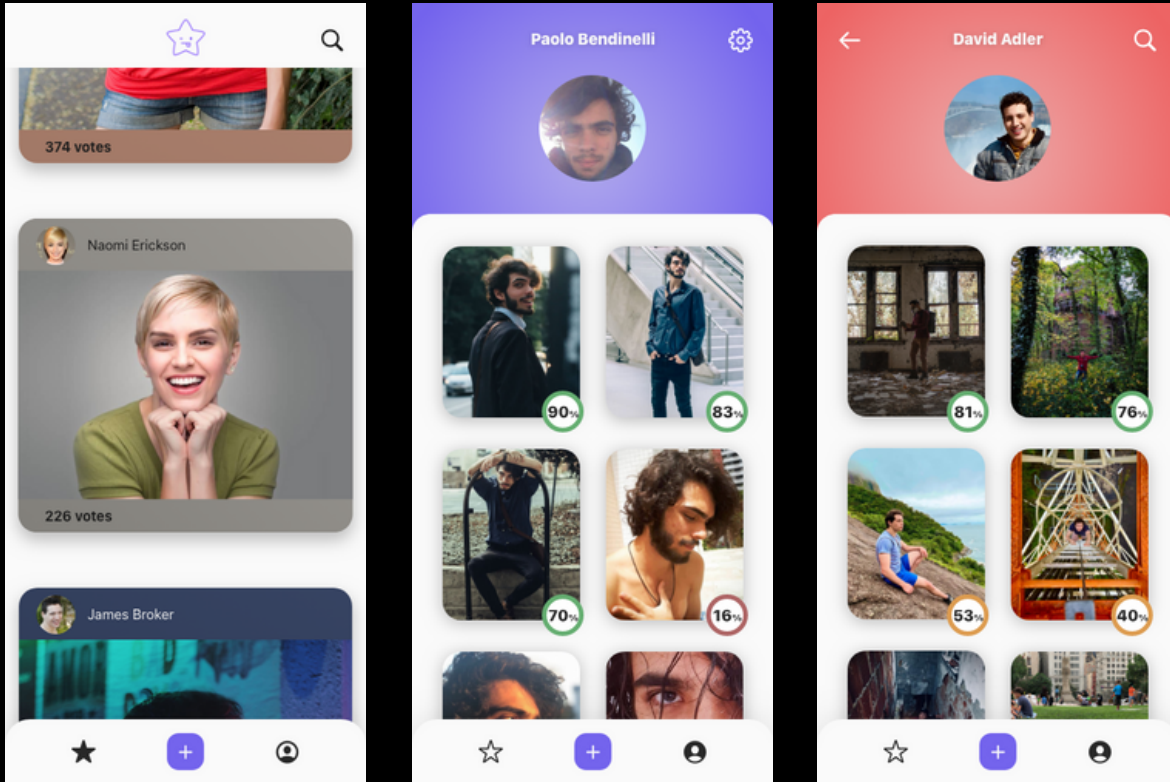
Tech stack: Flutter Firebase Typescript Stripe

Job type: Independent contractor

Demo: [dov212.github.io/hiphen](https://dov212.github.io/hiphen)

# Fratr

Mobile app



A social media app where users rate their friends' pictures. A "photo quality" percentage is shown next to each picture by computing the standardization of the votes to provide a statistically relevant score.

My roles: Developer Designer

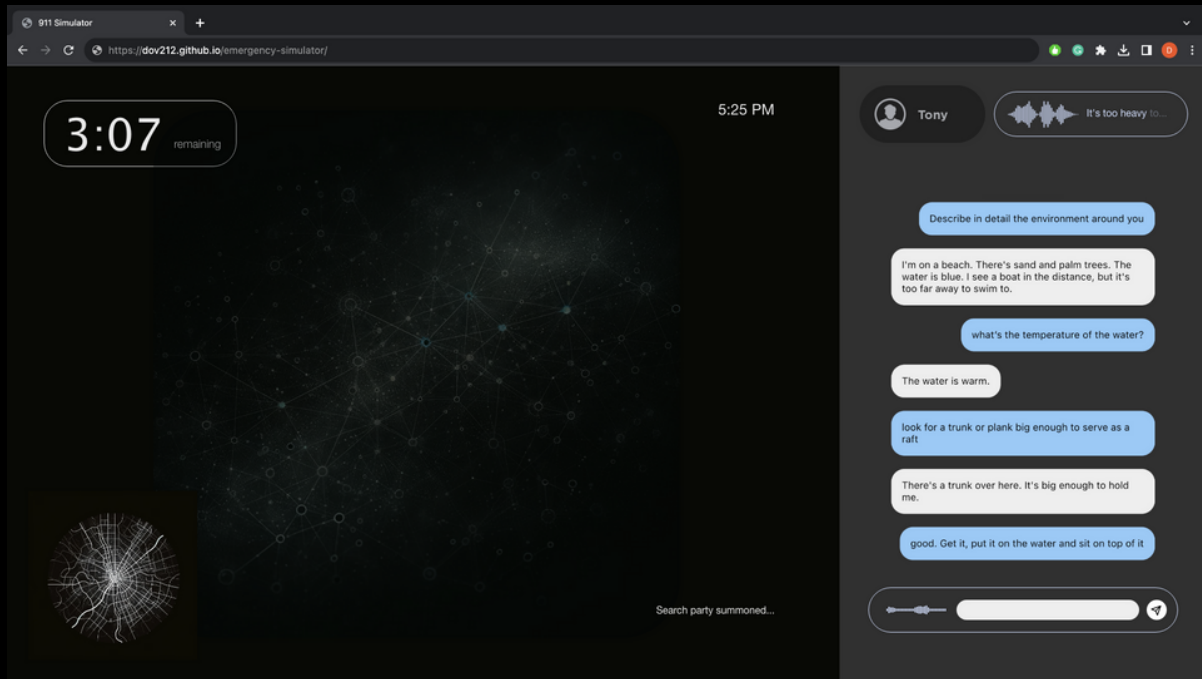
Tech stack: Swift MongoDB

Job type: Freelancer

Currently in closed beta

# 911 Simulator

Text/voice-based game



A text and voice-based game where users play as emergency operators, chatting with bots with realistic voices that act as callers in need of assistance. Players assist victims, solve mysteries, and interrogate suspects. Every situation/level is AI-generated, and sound effects are played in real time based on the current context.

My roles: Developer Designer

Tech stack: React AWS Sagemaker PostgreSQL LLMs

Job type: Passion project