

## EXPERIENCE

### Recurse Center, *Participant*

Nov 2025 – Feb 2026

- Built [Serial](#), an RSS reader designed for video content with 200 monthly users; created infrastructure through Docker to allow for self-hosting
- Created three games for the RCade, a physical arcade machine at the Recurse Center – a [beyblade-inspired game](#), a [theremin simulator](#), and a [“bad orchestra” game](#)
- Created a [dark mode browser extension](#) for a “terrible ideas day” where users navigate via flashlight
- Created a [shared drawing app](#) in Elixir and read MIDI data from an MPE-enabled synth in Rust

### Beacons • Jun 2022 – Nov 2025

#### Senior Software Engineer

Oct 2025 – Nov 2025

- Built “design with AI” link-in-bio feature from the ground up, handling user testing, design, and engineering

#### Software Engineer II

Sep 2023 – Oct 2025

- Served as lead FE platform engineer, creating essential architecture and overhauling platform UX
- Led development on AI Email features, growing sent email broadcasts by 2X in 3 months
- Rapidly proposed and tested growth experiments as growth engineer, leading to 3x ARR in one year

#### Software Engineer I

Jun 2022 – Sep 2023

- Led our TypeScript migration, writing the first commit, creating effective documentation, delegating tasks effectively, and ensuring completion of 100k+ lines migrated
- Worked across the stack, completing features end-to-end in Python backend and React frontend

### Modern.fm, *Co-Founder*

Aug 2020 – Feb 2022

- Built custom order management and e-commerce system to sell instrumental loops to music producers
- Created an access portal for customers to view all orders and download products
- Collaborated with co-founders on marketing, product design, and administrative tasks

## PROJECTS

### [overtone.fyi](#)

Sep 2024 - Present

- A fast Fourier transform visualizer for singing education, showing historic and realtime frequency data

### [Open IPA](#)

Dec 2019 - Present

- Helps roughly 8.5k users a month transcribe French and Latin text into the International Phonetic Alphabet
- Web app features visual admin editor, realtime feedback, and in-depth explanations for each phoneme

## EDUCATION

Loyola University Chicago, B.S. Computer Science, B.A. Music (Vocal Performance)

Grad. 2022