

Summary

Currently a Digital Campaign Specialist at Cox Automotive. 3+ years of programming experience ranging from home-lab infrastructure to full-stack web apps using latest frameworks. Past career in music garnering tens of millions of plays taught me how to manage my own business and creativity. Interested in functional programming, category theory, and clean, concise ways to solve problems.

Work Experience

Cox Automotive

Remote

DIGITAL CAMPAIGN SPECIALIST

- Built promotional pages for dealerships across the country.
- Contributed to our deck for NADA, the biggest conference in the automotive industry.
- Won our internal hackathon in the innovation category with a code generation tool, allowing easy creation of web pages with a 'no-code' interface.
- Worked closely with leadership to increase team efficiency.

Zoe Bios Creative

Remote

FRONT END WEB DEVELOPER

- Learned the liquid template syntax used by Shopify to create a bespoke storefront.
- Built upon filtering plugins and created workflows for data organization.

Performing Arts Forum

St. Erme, France

NEW MEDIA INSTALLATION ARTIST RESIDENCY

- Organized a handful of sound installations utilizing ChuckK, TidalCycles in Haskell, and SonicPi.
- Coordinated ambient sound baths and multiple live music performances.
- Built custom effects using MaxMSP for real-time generative installations.

Projects

Bloom

zschaffer/bloom

COFFEE RECIPE AGGREGATOR AND BREWING WEB APP.

- Uses Next.JS and DaisyUI with a simple and fast localStorage based persistence.
- Lets you time your morning brews with guided, time-based steps.
- Create your own recipes and share them with friends.

Wax

zschaffer/wax

NCURSES TERMINAL MUSIC PLAYER IN C

- Learned how to manage memory, minimize leaks, and interface with the Ncurses API.
- Dealt with audio playback, buffering, library management, and terminal rendering.

Rating Room

zschaffer/rating-room

COLLABORATIVE EFFORT TO CATALOGUE & RATE EVERYTHING IN EXISTENCE.

- Written in Typescript using Svelte, TailwindCSS and Sanity.
- Single Page App for rating and categorizing everyday items.

Jenga

zschaffer/jenga

STATIC SITE BUILDER OPTIMIZED FOR SINGLE-PAGE STACKED POSTS.

- No frills, fast-enough static site builder written in Go.
- Optimized for single-page infinite scrolling blogs.
- Concurrently processes markdown files into a single HTML page.