ALEX MARTIN

SOFTWARE ENGINEER - NASHVILLE, TN & REMOTE

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A BIT ABOUT ME

I was born and raised in Nashville, TN. I was always curious about how things worked, wondered if I could improve them, and what contraptions I could make myself. I dove into analog circuit design, first with guitar effects pedals, and ultimately with amplifier design and repair. I'm a tinkerer at heart, and I believe I was always doomed to be an engineer. Following my career in analog circuits, I fell in love with what I'd call their digital counterparts - JavaScript modules, Python scripts, and shell commands. Learning new skills keeps me energized, and I look forward to a career in designing, building, and maintaining powerful and meaningful codebases.

PROFFESIONAL EXPERIENCE

Associate, Outreach Innovation

Lyft 2019 - 2021

- Built team metrics tracking system with Google App Script, SQL and Mode
- Selected to pioneer & design new Fleet Acquisition & Lux Black teams
- Subject matter expert for spreadsheets, automation, and process design
- Phone, Email, SMS support for applying & existing Lyft drivers and livery chauffeur businesses
- Awards: Most Impactful Conversation x2, Most Incremental Activations

Electronics Technician

Nashville Amplifier Service 2017 -2019

- Repaired guitar, bass, and loudspeaker amplifiers, tube and solid state
- Constantly learned new and in-depth aspects of electronic circuit design
- Developed systems for task delegation, priority management, and inventory using Quickbooks and Google Apps
- Created new client tracking system, reduced overdue work to nearly zero by converting ticketing system from paper to Google Sheets

Music Supervision

35Sound 2013 - 2017

- Administrative, editorial, and recording engineering for film and television
    - *I Saw The Light* (Sony Pictures Classics, 2016) - Music Coordinator, 2nd engineer
    - *Soundbreaking* (PBS, 2016) - Assistant Music Producer
    - *Still The King* (CMT, 2016-2017) (Seasons 1 & 2) - Music Editor
    - *Soundtracks* (CNN, 2017) - Music Coordinator

TECHNICAL EXPERIENCE

Nashville Software School 2021
NSS is a six-month intensive, full-time software development bootcamp focusing on HTML, CSS, JS, React and server-side fundamentals with Python and Django

- Single-page React application development with a focus on ES6+JS features, modular code & CRUD functionality
- Project management with issue tickets, GitHub Projects
- Database planning by building entity relationship diagrams to define relationships, emphasizing flat data structures
- Styling with CSS, Bootstrap & Material UI
- Completed 6 group project sprints while fully remote, comfortable with Slack, Zoom, GitHub, etc.

The Web Developer Bootcamp - Colt Steele - 2020
A 63 hour Udemy course focused on a fullstack CRUD app

- HTML/CSS/JS, Node.js, Express, EJS, MongoDB

Automate The Boring Stuff w/ Python, book by Al Sweigart

Eloquent JavaScript, book by Marijn Haverbeke

PROJECTS

TipHat - NSS Front End Capstone

- A solo React app that raises awareness about artist compensation in the streaming age
- A user can generate a personal listening report based on their listening history from the last.fm API
- Each line shows the artists's payout based on the user's streaming service, and compares that amount to other potential revenue sources (CD & LP sale, ect.), calculating a suggestion donation to an artist
- Tech Stack:
    - React, for a light-weight and responsive UI
    - Material-UI, for a consistent styling palette
    - json-server, for local data storage

EDUCATION

Nashville Software School
FULL STACK WEB DEVELOPMENT

Kenyon College
BA, MUSIC THEORY & COMPOSITION