

Matthew Hosack

Software Engineer

About

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Languages

C Python Go Javascript
C++

Frameworks/Libraries

Svelte Flask Tailwind

Technologies

PostgreSQL MongoDB
Celery Nginx Docker

Tools

ffmpeg sox jq

Languages

English (Native speaker)
German (Conversational)

Interests

Music

Guitar
Piano
Electronic Music
Jazz Improvisation

Homebrewing

Craft Beer
American IPA
Fermentation

Summary

Born and raised in the San Francisco Bay Area, I bring 13 years of software engineering expertise, spanning audio DSP, web application development, and backend systems. In Berlin, I contributed to Ableton's packs infrastructure, focusing on internal web systems for the past 4 years. I'm proficient in Python, Go, and C, with strong experience in Postgres, MongoDB, NGINX, and API frameworks like Flask and FastAPI. While I have deep roots in audio technologies, my current focus is backend engineering in Go, with a long-term goal of leveraging my communication skills and collaborative nature in a management role.

Experience

12/2020 - Present

Ableton
Software Engineer

Architected, wrote, deployed, and supported a custom Continuous Integration system enabling sound designers to build content for packs, perform static analysis on devices, and automatically deploy content to Live users. I also built and deployed various internal tools for content discovery.

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09/2013 - 11/2019

Dolby Laboratories
Senior Software Engineer

As a senior software engineer I lead projects delivering embedded-C SDKs for partners like Apple and Netflix to implement professional-grade Dolby audio technologies into their broadcast systems.

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01/2011 - 05/2013

THX Ltd.
Systems Engineer

After an internship I was brought on fulltime. My responsibilities revolved around testing of home theater equipment, outfitting Lincoln vehicles with test equipment, and designing mock iOS and networked audio video receiver prototypes with the R&D team.

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Education

Sonoma State University

Bachelor of Science Electrical Engineering

07/2005 - 05/2011

Sonoma State University

Bachelor of Arts Music: Jazz Studies

07/2005 - 05/2011

References

— Adam Mannegren, Software Engineer / Product Owner @ Ableton