
Professional Experience

California Academy of Sciences | *Guest Experience Service Associate* 2025-Present

- Support planetarium operations by facilitating guest entry, monitoring show flow, and ensuring guests adhere to planetarium regulations and policies.
- Provide responsive customer service by facilitating exhibit operations and de-escalating challenging guest interactions with professionalism and empathy in a fast-paced, public-facing environment.

Moov Technologies Inc. | *Software Engineer / Junior Engineer / Intern Engineer* 2020-2024

- Developed and launched the B2B marketplace website from scratch using JavaScript, React, and Next.js.
- Collaborated across interdepartmental teams (engineering, product, design, and sales) to design, develop, and launch digital experiences within tight timeframes.
- Produced technical documentation for multiple design systems to ensure that future developers understand how to utilize and maintain the existing systems.
- Routinely introduced new tools and optimizations to enhance the user experience by increasing the performance of the web application as well as the developer experience by improving internal tooling.
- Diagnosed and resolved bugs live on production to minimize feature downtime for users.

California Academy of Sciences | *Administrative Assistant* 2019

- Hosted high-level visitors and managed scheduling for the Chief of Public Engagement & Education.
- Worked across departments to support logistics and guest experience.
- Acted as primary liaison for internal operational and departmental inquiries.

California Academy of Sciences | *Sales Associate / Guest Experience Service Associate* 2017-2019

- Assisted crowds of 200+ patrons, providing timely assistance and technical troubleshooting.
- Delivered engaging and informative experiences to thousands of guests on a daily basis.
- Maintained highest cashier accuracy record in the organization's history, demonstrating exceptional attention to detail.

University of California, Davis | *Stage Crew Member* 2015-2016

- Set up and managed audio and stage equipment for 20+ concert events.
- Troubleshoot hardware issues during live musical performances.
- Coordinated mid-concert stage changes to ensure smooth transitions in front of a live audience.

Self-employed | *Freelance Composer & Sound Designer* 2012-2016

- Collaborated with video game development teams at UC Davis to deliver audio for 10+ games.
- Composed and designed interactive soundtracks and effects using a digital audio workstation (FL Studio).
- Led audio design for *The Polaroid*, ranking #5 in a global game jam amongst 1000+ games.

Skills

Technical Skills & Troubleshooting: Resolving software and hardware issues; JavaScript, React, Next.js, and CLI tools; comfortable navigating new software platforms, custom systems, and internal tooling; technical writing and documentation; audio hardware setup and teardown; audio production software (FL Studio)

Interpersonal Skills: Cross-functional team collaboration; experienced managing high-volume public spaces; responsive and empathetic customer service; exceptional attention to detail

Projects

Composer's Journal | github.com/Spencer-J-Lee/composers-journal 2025-Present

- Design and develop a music-focused journaling platform supporting rich text, embedded YouTube videos, and interactive music notation, enabling composers to document and revisit creative ideas.
- Design scalable frontend architecture using JavaScript, React, and Next.js, ensuring a responsive and consistent UI across complex views.
- Build data filtering, infinite scroll, and pagination features for entry and notebook management, improving UX by simulating and enhancing real-world journaling workflows.
- Optimize data management and performance using TanStack Query, implementing server-side rendering, query prefetching, cache hydration, and minimizing request waterfalls to reduce perceived load time.

Personal Website | spencerjlee.com 2025

- Designed and deployed a personal portfolio using JavaScript, React, and Next.js to showcase projects and technical skills.
- Configured automated CI/CD workflows and hosting with Vercel for ease of deployment.

Education

University of California, Davis | Bachelor of Arts, Music Composition 2012-2016