MADI LIPPMANN

Software Engineer with a background in Classical Music and Arts Administration

707.363.9513   lippmann.dev@gmail.com   Github   Linkedin   Profile   San Francisco / Bay Area

SKILLS

LANGUAGES: Python, JavaScript, SQL, HTML, CSS
LIBRARIES / FRAMEWORKS: React.js, Redux, Node.js, Express.js, Flask, SQLAlchemy, Sequelize
TOOLS: Git / Github, PostgreSQL, Postman, Docker, AWS S3

PROJECTS

HOLOGRAM - Python / Flask / ReactJS / Redux / PostgreSQL / SQLAlchemy / AWS S3 / Docker   live | github

HOLOGRAM is a social-media platform where users can share and comment on images, as well as communicate via direct messages.

- Developed a seamless, real-time messaging system for users through the integration of websockets
- Engineered an infinite scroll feature for home feed to decrease loading times and continuously engage user

SoundUp - Python / Flask / React / Redux / PostgreSQL / SQLAlchemy / Docker   live | github

Inspired by OpenTable, SoundUp is a reservation platform where users can search for and hire musicians for gigs and events.

- Employed Docker to containerize application and simplify application deployment through Github Actions
- Leveraged Redux to maintain frontend user data and minimize the number of backend server calls

NOTED - React / Redux / Express / Node / PostgreSQL / Sequelize   live | github

Noted is a note-taking and organizational application inspired by the popular note-taking application, Evernote

- Incorporated toggleable autosave to ensure persistence of new user data
- Utilized CKEditor library to allow for rich-text editing of user notes
- Implemented multiple search features to optimize organization of user notes, notebooks, and tags

EXPERIENCE

Operations Associate and Assistant Music Librarian

Classical Tahoe | Incline Village, NV   2021 - Present

- Provide operational assistance to Executive Director, Operations Lead, and Music Librarian during 3-week festival featuring world-class musicians from the Metropolitan Opera Orchestra, San Francisco Symphony, LA Philharmonic, and others
- Help facilitate the execution of concerts, academy events, rehearsals, and donor events
- Stage Manage Live PBS Broadcasted Concerts with viewership of 26,000+

Artist Services Manager

Festival Napa Valley | Napa, CA   2018 - 2021

- Worked in conjunction with artistic administration and operations team to conduct simultaneous orchestral and opera academies and successfully produce 30+ concerts and performances in demanding and fast-paced environment
- Organized food budgeting, purchasing, and distribution for orchestra, opera company, faculty, and staff of 100+
- Produced receptions and events for up to 170 people
- Managed $55K+ budget for receptions, artist events, daily meals, and supplies

EDUCATION

Software Engineering - *App Academy | November 2021 - May 2022*
MM Music Composition - *Carnegie Mellon University | 4.12 GPA | 2018 - 2020*
BM Vocal Performance - *University of California, Santa Cruz | Summa Cum Laude | Highest Honors | 3.98 GPA | 2013 - 2017*

CURRICULUM HIGHLIGHTS

CS 15-112 - Fundamentals of Programming and Computer Science, *Carnegie Mellon University | Fall 2020*