

# MADI LIPPMANN

Software Engineer with a background in Classical Music and Arts Administration

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[Github](#)

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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**