

# Aaron Ty Leahy

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## EDUCATION

**Fusion Academy**  
GPA: 4.0/4.2

**Cupertino, CA**  
07/2021-Present

## MUSIC TRAINING

### Electroacoustic Composition Master Class

Instructor: Hans Tutschku

08/2024

- **Explored advanced electroacoustic music techniques:** Worked with digital audio workstations (DAWs), such as Ableton Live or Max/MSP, for sound manipulation, synthesis, and processing.
- **Multichannel and spatial audio composition:** Developed audio experiences using multichannel systems like 5.1 surround sound or ambisonics, learning how to spatialize sound in creative ways.
- **Analysis of iconic electroacoustic works:** Studied seminal pieces by composers such as Pierre Schaeffer, Karlheinz Stockhausen, or Luigi Nono to understand electroacoustic compositional methods and aesthetics.
- **Real-time audio performance techniques:** Practiced live coding, interactive performance, and improvisation using software environments like SuperCollider, Max/MSP, or Pure Data.
- **Use of extended techniques on acoustic instruments with electronics:** Explored blending live acoustic instruments with electronics, utilizing microphones, contact mics, or sensor technologies.

## INTERNSHIP

**The Diamonds Vocal Quartet**  
Assistant

**Beijing, China**  
07/2024-08/2024

- Responsible for setting up musical instruments and equipment and collaborated with team members to conduct sound checks, which ensured optimal audio quality for the audience.
- Managed event logistics, including stage setup and audience engagement, to enhance the overall experience.

**Upbeat Music**  
Sound Design Intern

**Milpitas, CA**  
06/2023-09/2023

- **Created and edited sound effects:** Designed and manipulated audio elements for projects, including environmental sounds, Foley, and synthesized effects.
- **Audio post-production:** Facilitated with mixing, balancing, and mastering soundtracks for multimedia projects, ensuring high-quality audio output.
- **Collaborated with creative teams:** Worked closely with directors, composers, and editors to align sound design with the artistic vision of the project.
- **Maintained sound libraries:** Organized, tagged, and cataloged audio assets for future use, optimizing the workflow of the sound department.
- **Supported live audio processing:** Assisted in live sound environments, providing real-time audio adjustments and effects during recording or performances.

## AWARDS AND HONORS

*The President's Volunteer Service Award: Gold*

2024

Awarded by AmeriCorps in recognition for the commitment to strengthen the U.S nation and communities through volunteer service

## SKILLS

**Programs:** Microsoft Office, Google Suite, Zoom, Slack, Discord, Canva

**Languages:** English (Native), Mandarin Chinese (Fluent), Japanese (Conversational)

**Music Software:** Ableton Live, Max/MSP, FL Studio