Samuel Ellis
503-869-1472
sambagellis@gmail.com

SUMMARY

Aspiring Audio Software Engineer and Music Researcher with a strong customer service and Information Technology background. Proven abilities to work independently and as part of a team. Applying for challenging yet rewarding positions that can increase skills in pedagogical methods as well as musical experience.

EDUCATION

Bachelor's of Science in Computer Science - University of Oregon, Eugene, OR 09/2021 - Present
Expected Graduation Date: 06/2025
GPA: 3.42/4.00
Courses include Data Structures, Algorithms, Computer Architecture, Operating Systems, Software Development, Cloud Computing, and Coding Etiquette

Bachelor's of Science in Music Technology - University of Oregon, Eugene, OR 09/2021 - Present
Expected Graduation Date: 06/2025
GPA: 3.42/4.00
Courses include Audio Engineering, Electronic Composition, Sound Design, Data-Driven Instruments, Musical Algorithms/Programming, as well as a Classically Trained Foundation

Lincoln High School, Portland, OR 09/2016 - 06/2020 GPA: 3.7/4.0

SCHOLARLY WORKS

Benefits of Including Data Sonification in Computer Science - Research Paper (2024)
Written Under the Advisement of Dr. Anna Kovalchuk
Covers research regarding the benefits of using Data Sonification as a pedagogical method specifically for STEM fields

Liminal Effects in Electroacoustic Music - Research Paper (2024)
Written Under the Advisement of Dr. Zachary Boyt
Explain how the musical characteristics of Electroacoustic Music encourage a Liminal Soundscape

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WORK EXPERIENCE

Customer Service Representative, Fred Meyer, Coos Bay, OR - 2020-2021
Operated registers, stocked shelves, created displays, hired under Western Union to provide banking solutions, processed customer returns

Computer Tutor, Eugene, OR - 2022
Taught basic software including Office 365, Canvas, and Zoom as well as computer organization and management

USS Student Technician, University of Oregon, Eugene, OR - 2022-2023
Provided IT support to faculty, staff, and students including software and hardware maintenance, as well as performed computer imaging and software installations

Lead Student FASSIT Technician, University of Oregon, Eugene, OR - 2023-Present
Provide IT support to administration through hardware and software management along with assisting student workers with IT tasks and scheduling

SKILLS

Computer Skills:

- Troubleshooting Hardware/Software
- Operating and Maintaining Computer Peripherals
- Knowledge of Computer Hardware Assembly

Software Proficiency:

- Microsoft Office 365
- Ableton Live
- Logic Pro X
- Cubase
- FL Studio
- Max/MSP
- Kyma
- Audacity

Music Skills:

- Classical Music Training (theory, history, aural skills)
- Audio Hardware Knowledge
- Composition Experience
- Audio Recording and Production Experience
- Ensemble Experience
- Keyboard Proficiency

Other Skills

- Customer Service
- Banking Solutions
- Inventory Management
- Problem-solving
- Communication and interpersonal skills

COMPOSITIONS & COLLABORATIONS

Spirited Away for Clarinet Quartet (2023)
Composed by Joe Hisaishi, Arranged by Musik Kanal
Sound Design and Recording by Samuel Ellis

Remake of Link's Awakening for Switch Trailer (2023)
Video from Nintendo, Sound Design and Arrangement by Samuel Ellis

440 Hz (2023)
Digital Composition Paired with Original Graphic Score

Through the TV (2024)
Digital Composition

Lampscape (2024)
For Three Lamps programmed with Max/MSP and Ableton

Cyclones (2024)
Data Sonification of OOI Data Lab Project Titled: "Turbulent Mixing from Extratropical Storm Hermine"

Choices: An Interpretation of *Decisions* by Roman Haubenstock-Ramati (2024)
Improvised Individually using Ableton and Komplete Kontrol M32
Premiered at Future Music Oregon (2024) with the Oregon Electronic Device Ensemble

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AWARDS

Apex Scholarship, University of Oregon - (2021)
Maintained a 3.7+ GPA at the High School Level

Dean's List, School of Music and Dance, University of Oregon - (Fall 2021, Spring 2023)
Maintained a 3.75+ GPA at the College

REFERENCES

Available Upon Request