

## Samuel Ellis

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### 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.

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### 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

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

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### 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

## **Learning Assistant, University of Oregon, Eugene, OR - 2025 - Present**

Provide office hours for students taking *Video Game Programming* course, troubleshoot Unity issues and assist with the learning of linear algebra concepts

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## **SKILLS**

### **Computer Skills:**

- Troubleshooting Hardware/Software
- Operating and Maintaining Computer Peripherals
- Knowledge of Computer Hardware Assembly
- Proficient in the following Programming Languages:
  - HTML/ CSS
  - C, C#, C++
  - Python
  - Javascript

### **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
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## **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*

### Landscape (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*

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## **REFERENCES**

**Available Upon Request**