

# Henry Moe

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## PROFESSIONAL OBJECTIVE

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Seeking a career involving problem solving and collaboration where my major in acoustical engineering and 15 years of experience as a musician can be utilized.

## SKILLS

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- Able to take direction, follow processes, and accept feedback and suggestions
- Comfortable managing many tasks and responsibilities at once
- Proficient in mathematical modeling and problem-solving
- Experienced working with a variety of digital audio workstations, including Pro Tools
- Trained musician, proficient on the double bass among other instruments

## EDUCATION

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**Seattle Pacific University** – Expected Graduation Fall 2025

Bachelor of Science, Acoustical Engineering (student-designed)

Bachelor of Arts, Honors Liberal Arts

Total GPA 3.96, Dean's list, 10 quarters

## WORK EXPERIENCE

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**Ames Library, SPU** – Circulation and Technology Assistant *(September 2022 – Present)*

- Maintain and repair computers and cameras
- Work with a team of employees to organize materials and serve patrons
- Start projects on my own, rather than being told tasks to do

**Ames Library, SPU** – Archive Intern *(Summer 2024)*

- Used digitization software and oversaw scanning of archival student newspapers
- Performed web design to improve the front-end digital repository site

**Conference Services, SPU** – Conference Services Liaison *(Summer 2023)*

- Facilitated professional interactions with clients
- Solved in-the-moment client issues and staffed overnight on-call shifts

**Recording Assistant** *(2021 – 2022)*

- Helped set up, mix, record, and livestream concerts
- Learned how to use unfamiliar software and hardware

**Office of University Advancement, SPU** – Student Ambassador *(January 2022 – June 2022)*

- Built rapport quickly and professionally with alumni and parents
- Made 200 fundraising calls per week, using Microsoft Excel to input and track data

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## RELEVANT COURSEWORK

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### Honors Capstone in Classroom Acoustics

- Conducting a study measuring classroom acoustic factors, including RT60, STC, and background noise
- Interpreting acoustic standards outlined in ANSI/ASA S12.60-2010
- Designing a student questionnaire to gather data on the perceived listening environment

### Computer Aided Design

- Developing an understanding of the drafting and design capabilities of CAD software
- Using SolidWorks to create individual parts, design assemblies, and create animations

### Physics for Science and Engineering I-III

- Developed an understanding of physics concepts, including the physics of sound
- Worked in a project team setting, engaging in creative and critical thought

### Recording I-III

- Engineered sound for live concerts and studio sessions
- Worked with a variety of microphones and digital audio workstations, including Pro Tools

### Calculus I-III, Vector Calculus

- Learned techniques to model and analyze systems using derivatives, integrals, and series
- Used vector math to understand fields and flows

### Statics and Dynamics

- Performed structural analysis of systems in static equilibrium
- Solved problems of kinematics and kinetics for particles and rigid bodies

### Individual instruction, Double Bass

- Developed a daily practice routine, becoming well-versed in classical music and jazz
- Worked one-on-one with an instructor, receiving and responding to feedback

## VOLUNTEER ACTIVITIES AND LEADERSHIP

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### Rainbow City Orchestra – Principal Bassist

*(2024 – Present)*

- Make artistic decisions with input from the director and other musicians
- Manage a schedule, showing up at the right venue at the right time

### Queen Anne Presbyterian Church – Member of Leadership Committee

*(2025 – Present)*

- Work with staff and volunteers to manage budgets and plan events
- Provide input on church operations, programs, and community initiatives

### SPU Orchestra – Bass Section Leader

*(2021 – 2024)*

- Coordinated with the bass section, keeping them accountable and building community
- Attended regular meetings with orchestra director