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Professional profile

I am currently studying sound production at Riverside Music College and have experience working as a freelance recording assistant as well as in live sound and recording for concerts and conferences. In college and through freelance work I have gained experience in both studio and location-based recording in several genres, including classical. I have the technical knowledge required for producing high quality audio recordings, including analogue and digital mixing desk operation, microphone placement techniques and a detailed understanding of signal flow. My experience using various microphone types in different environments allows me to choose specific microphones for specific tasks based on a microphone's specifications and the desired sound. I am a student member of the Audio Engineering Society and I have a full, clean driving licence.

Skills

- Can work well under pressure in a team or as an individual.
- Experience setting up many types of microphone with appropriate microphone choices and placement techniques.
- Attention to detail regarding sightlines for musicians/audience members and to how cable runs appear on camera.
- Experience of operating various analogue and digital audio mixers.
- Experience with audio over IP standards such as AES67 and NDI Video over IP.
- Experience using multiple DAWs including Pro Tools, Ableton Live, Pyramix, Sequoia and Audacity on both PC and Mac.
- Proficient in Microsoft Word, Excel and PowerPoint.
- Skilled in using CAD software and can design stage plots and 3D print microphone adapters for specific applications.
- Ability to solder and can make up and repair audio and network cables.
- I am Dante level 2 certified.

Placements and projects

Freelance Recording Engineer

2020 – Present

Outline:

Recording and mixing artists while being attentive to the genre and the artist's vision as well as working to strict deadlines.

Freelance Recording Assistant


2018 – Present

Outline:

Primarily working on the production of classical music recordings, including works from:

- Royal Scottish National Orchestra (RSNO)
- Scottish Chamber Orchestra (SCO)
- Scottish Opera
- Scottish Ballet
- Scottish Ensemble

Key responsibilities:

- Rigging and derigging microphones on stage and slung from the roof.
 - Setting up IP networked stage boxes.
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- Rigging and derigging IP PTZ cameras.
- Setting up audio and video recording control rooms.
- Ensuring cables on stage and in public areas are taped down neatly to avoid tripping hazards and with consideration to how cable runs appear on camera.
- Following orchestral scores and producing a detailed take-log for the engineer.
- Making tea.

Key achievements:

- Worked on the production of digital concerts with the RSNO and SCO for the Edinburgh International Festival 2020: "My Light Shines On".

Freelance Audio / Visual Technician

2016 – Present

Outline:

Providing sound reinforcement/ recording, video and lighting for conferences and concerts.

Key responsibilities:

- Mixing sources for clear and intelligible sound reinforcement.
- Mixing for small bands and spoken word events.
- Ensuring cables on stage and in public areas are taped down to avoid tripping hazards.
- Setting up and operating multiple projectors, screens and TV's using HDMI/SDI converters and small vision mixers (Roland V-1HD, BMD Television Studio and ATEM Mini).
- Setting up and operating DMX controlled lighting fixtures.

Key achievements:

- Setting up a multi-camera live stream using only phone cameras over Wi-Fi into Open Broadcaster Software and streamed over Zoom with interaction between in-person and zoom participants.

Design and Manufacturing of Recording Accessories and Hardware

2018-Present

Outline:

Designed and 3D printed several types of microphone adapters which have been successfully used in recordings and streamed concerts by the RSNO in the Glasgow Royal Concert Hall.

Interests

I have a love of music; notably classical and Scottish/Irish traditional genres and I have competed in traditional music competitions to world championship levels. I also regularly teach piano, play at fundraising ceilidhs and volunteer at a youth group every week. I have experience building and repairing computers and I enjoy keeping up to date with new developments in computing and recording technology.

Education & qualifications

- **Riverside Music College** – August 2019-Present
 - **Sound Production** – HNC: A
 - **Sound Production** – HND: (ongoing)
 - **Planning to continue to:** BSc (Hons), Audio Engineering (Ending 2023)
- **City of Glasgow College / Strathclyde University** – August 2016-June 2019
 - **Mechanical Engineering** – HNC: A
- **St Ninians High School** – 2010-2016
 - **Maths** – Higher: B
 - **English** – Higher: C
 - **Computing Science** – Higher: B
 - **Physics** – Advanced Higher: C
 - **Graphic Communication** – Advanced Higher: B