

Harvey Church

London, UK;
Full UK Driving License
freelancing@hchurch.net
+44 (0) 7539 944152

<https://www.linkedin.com/in/harvey-church/>

BIO

Broadcast Engineer used to the high-paced, live environment of multi-camera television production, with focus on whole studio maintenance across Lighting, Sound and Cameras. Track record of working in the highly variable light entertainment genre across music features and interview segments.

WORK HISTORY

British Broadcasting Corporation - Vision Engineer

August 2023 - Present

- Maintenance and configuration of Sony vision mixer, Miranda SDI router, Sony camera heads and wider broadcast chain to ensure uptime of studio for 5 day-a-week live broadcast.
- 1st line engineer across studio's 5 Avid Media Composer edit suites, ensuring latest security and software patches and liaising with internal IT teams around future works due to be on corporate IT platforms
- Operation of RCPs to make colour adjustments of pictures from several cameras. Working to the Lighting Director and the overall Program Director - making changes to ensure a consistent look based on established house style.
- Lineup of Broadcast monitors and cameras using test patterns such as PLUGE or using scopes, luminosity meters and calibration equipment to ensure correct colour replication
- Python scripting for automation - such as for creation of thumbnails to be used on streaming service from clips given editorial clearance
- 1st line repairs such as soldering headsets and cleaning fibre-optics, then acting as triage point for 3rd party suppliers where applicable

British Broadcasting Corporation - Broadcast Engineering Apprentice

September 2020 - August 2023

- Placement in 24/7 master control room team dealing with high pressure live-new feeds and responding to calls from across globe to get technical teams on-air using Broadcast Network Control System (BNCS) control software and Reidel comms system to speak to studios.
- Cisco Certifications in networking, security and automation focusing on implementing "Quality of Service" classifications for broadcast media environments
- Testing and certification of new LG 2021 TV against rigorous acceptance framework before launching on commercial market
- Launched internal trainee/early technical talent network and organising 12 talks a year for 300 members

EDUCATION

Birmingham City University, School of Computing and the Built Environment

September 2020 - August 2023

BEng (Hons), Broadcast and Communications Engineering (1st Class)

- Dissertation: Can you automatically generate statistics for the political and gender representation in a TV Program? - Python and AWS "Rekognition" facial identification models for identification and analysis of faces within video clip

VOLUNTEERING

Institute for Apprenticeships and Technical Education - Apprentice Panel Member

July 2022 - April 2024

- Arms length advisory panel of 30+ apprentices collaborating to shape government training agenda across all industrial sectors using the apprenticeship training framework
- Lead on 2023 rewrite of best practice guidance for apprentices going through training around expectations from all parties (training provider/ employer and trainee)