
Education

Liverpool Institute for Performing Arts **BA (Hons) Theatre and Performance Technology**

Modules taken include - Production Management, Intelligent Lighting, Advanced Live Sound, Live Video Specialism.

New College Telford **4 A levels (or equivalent) at grade A—B**
1 AS level at grade C

BTEC NA Music Technology - Dist
BTEC NA Production Arts; Theatre Technology - Dist
A level Computing - A
A level Maths - B
AS level Physics – C

Charlton School **17 GCSEs grade A*-C**

Employment

2019-Present	Project Engineer	Entech International Ltd
2016—2019	Production Electrician	Leeds Playhouse (Formerly West Yorkshire Playhouse)
2016	LX Crew (Fixed Term)	Liverpool Everyman & Playhouse (LMTT)
2013-Present	Freelance Technician (Video, Electrics, Stage & Sound)	Including installation, live production and design for clients across the world including Liverpool Everyman & Playhouse, Stage Production Services, Entech International, Cuff & Taylor, and TUI

Show Highlights

2017- 20	LX Programmer (ETC EOS & GrandMA2)	Entech International	"Silja Line" (2020) - Including lighting design (For Belinda King Creative Productions). "Twisted Strings - Marella Dream" (2020) - Including lighting design (For Peel Entertainment).
		Leeds Playhouse (LP)	"Around the World in Eighty Days" (2019) - LD Tim Skelly, Dir. Alex Ferris. "Hamlet" (2019) - LD Joshua Carr, Dir. Amy Leech. "Sunshine On Leith" (2018) - LD Tim Mitchell, Dir. James Brining. Including re-program for initial transfer in Edinburgh for UK tour. "The Lion Witch and Wardrobe" (2017) - LD Bruno Poet, Dir. Sally Cookson. "Ode To Leeds" (2017) - LD Katharine Williams, Dir. James Brining. "Pygmalion" (2017) - LD Jack Knowles, Dir. Sam Pritchard. Handed over for UK tour.
2017—20	AV Programmer (Catalyst, Hippotizer, D3)	Entech International	"Silja Line" (2020) - AVD Skilz Media (For Belinda King Creative Productions). "Color Magic Season 2" (2019) - AVD Skilz Media (For Belinda King Creative Productions).
		LP	"The Graduate" (2017) - AVD Ian Galloway, Dir. Lucy Bailey.
2019	LX Chief	LP	"Be My Baby" (2019) - LD Tim Skelly, Dir. Jacqui Honess-Martin.
2016	Technical Supervisor	Edinburgh Fringe	"No Horizon The Musical" - Design and technical management of month long run of musical.
2016	Touring Tech.	UK Tour	"Snow White" - Engine House Theatre. Sound, LX & stage.
2014—16	On-stage LX Tech.	Liverpool Playhouse	"Haunting of Hill House" (2015-16) LMTT, Hammer and Sonia Friedman. "Sex and the Three Day Week" (2014-15).
2014	Production LX & Assistant LD	Northwest Tour	"Twopence to Cross the Mersey" . Assisting Douglas Kuhrt.
2013—14	Head of AV	LIPA	"Zube Extra" Music Festival 2013 & 2014. Broadcast and Live AV . Also monitor engineer for a number of bands.
2013	2nd Assistant Director	Northwest area	"The Other Side" . TV Shoot. Acting 1st AD for two days.

Certified Training

- Full clean UK driving licence.
 - Completed the Site Supervisor Safety Training Scheme (SSSTS).
 - ECS Related Discipline Card holder.
 - RTITB Certified Counterbalance Forklift Licence.
 - Novastar Certified Engineer (A) Certificate .
 - Esca mobile access platform training.
 - Aluminium Access Tallescope training including rescue kit.
 - ENCO DAD radio production software training.
 - Working at height and manual handling training.
 - Previously held IOSH certified BECTU “Creative Industries Safety Passport” and an IPAF 3a License.
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Computing

- Knowledgeable in advanced computing including programming, database management and hardware solutions.
 - Experience in network administration of managed and unmanaged networks.
 - Experience in website design including management, administration and server configuration.
 - Experience in using, designing and manipulating databases with a selection of DBMS.
 - Designing and realising high precision hardware solutions to complex technical problems.
 - Specialist software used includes: WYSIWYG, Autocad, Adobe Creative Suite, Atom, Sketchup, QLab, Visual Studio, DaVinci Resolve, Stardraw, Vectorworks, CurrentRMS, ZigaFlow.
 - Designing and implementing CCTV and VoIP telephony systems for small businesses.
 - Confident with all standard office suite packages.
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Electrics / AV

- Advanced programming within GrandMA and ETC EOS systems. Including control of moving lights, video systems and pixel mapping.
 - Advanced video Programming on QLab, Disguise D3 and Hippotizer media servers.
 - Proficient with Avolites and Hog desks along with understanding of underlying constructs.
 - Electrical knowledge including PAT, creating battery and mains operated “practical” props.
 - Designing, installing and commissioning LED walls and associated processing.
 - Design and implementation of easy to use interfaces to aid inexperienced users with various systems and for personal programming use.
 - System design and implementation of large scale video, lighting, audio and network solutions including full schematics and fully populated wiring diagrams.
 - Installation experience of cable distribution (basket, trunking, suspended ceilings etc.), outlet mounting and wiring (including data and three phase).
 - Live, multi-camera video system design, install and operation experience.
 - Videography including editing, grading, SFX, audio, camera operation and project management.
 - Experience with Catalyst video systems.
 - Experienced followspot operator.
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Sound

- Programming, operating and mixing sound systems within diverse theatrical and musical environments.
 - Digital desks used include; Yamaha M7, LS9 and PM5D, Digico SD11 and SD7.
 - Understanding of the physics behind sound reinforcement along with practical experience of the underlying principles.
 - Competent using speaker/amp management software including r10.
 - Setting up and operating radio microphones along with using associated software.
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Other

- Experience production managing a mix of amateur and professional theatrical performances in a variety of spaces/ tours.
 - Team management including mixes of students, professionals and amateurs.
 - Confident working at height including use of Zargees, powered access, tallescopes and scaffolding towers.
 - Lighting, sound and video design experience.
 - Set construction, using a range of power tools efficiently and safely.
 - Regular user of hemp, counterweight and fixed grid rigging situations.
 - Experience in using Stage Technology’s “Nomad” flying system.
 - Ability to read music—playing a number of musical instruments to high standard.
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