**Christopher Long**

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Profile

A customer focused AV professional with strong commercial acumen and a broad experience of the industry. Enthusiastic, committed and articulate with excellent organisational and project management skills.

Key Skills

**Production and Project Management**

* Scheduling and planning, general project management
* Resourcing and team leadership
* Costing and quoting
* 3D Visualisations – Trimble Sketchup, Light-up lighting renders
* CAD – Draftsight floor plans and rig plans
* Audio and vision network design
* Design and print preparation of graphics - Set graphics, large format print, vector paths for Self-adhesive vinyls, banner graphics and TFS structures, canvas set wraps, pop up stands, bound documents and posters

**Sound**

* Live sound engineering – conferences/meetings/awards shows
  + Passive/Active speaker setups; experienced with K Array, Bose, Mackie, DAP, JBL, FBT, some d&b
  + **Radio mics, analogue and digital, use of radio space and understanding of bandwidth and interference potential, OFCOM licensing**
  + **Experienced with analogue desks and Si series Soundcraft**
* **Multitrack recording and audio editing – Familiar with Steinberg Cubase/Nuendo and Adobe Audition**
* **Video production – location sound recordist and boom operator**

**Vision**

* **Good understanding of vision formats – analogue and digital, resolutions standards and refresh rates: XGA, Full HD, PAL/NTSC, HDCP and EDID**
* **Good understanding of cabling and distribution: VGA, DVI/HDMI, HD SDI, Cat 5/6 modulation kits and associated running length limitations**
* **Mixing, switching and scaling: Analogue Way, Roland**
* **Cameras – Setup and basic operation**
* **Good grounding in video walls,**

**Graphics**

* **Completely conversant with PowerPoint, basic experience with Keynote**
* **Audience interactivity: Familiarity with Turning Point, Sli.do, various social media scrapers**
* **Video playback and manipulation, transcoding and file formats. Good understanding of video files and the difference between**
* Very comfortable with Adobe Creative Suite including Photoshop/Illustrator/InDesign/Premiere Pro/Audition/Acrobat

**Video conferencing & live streaming**

* Comfortable with WebEx/Skype/Zoom/GoToMeeting
* Basic operation of hardware CODECs including Cisco C-series
* Knowledge of HD video ingest for video conferencing
* Use of TBUs and VoIP
* Familiar with hardware and software encoders for live streaming to iFrame via CDN/Facebook/YouTube/Twitter
* Management and configuration of streaming delivery services including bandwidth calculation and pre-buy

**IT & Networking**

* Completely conversant with PC hardware and Windows 7/10 including service and repair
* Familiar with Ubuntu Linux and Android, basic operation of MacOS and iOS devices
* Completely conversant with Microsoft Office – Word/Excel/PowerPoint/Visio
* Admin level setup and operation of Rental Desk, CurrentRMS
* Knowledge of networking setup and maintenance – switches/hubs/cabling, DNS/DHCP, Draytek Routers and Cisco AP cascades.
* Operation of Windows Server Active Directory

**Lighting**

* Comfortable with DMX, not familiar with ArtNET
* Setup and operation of LED fixtures – Showtec/Chauvet/Martin
* Confident with dimming and generics, stage wash, operation of generic DMX desks.
* Very basic Titan operation,
* Calculation of appropriate power draw and distribution