***Curriculum Vitae***

***Shaun*** ***Evans***

PERSONAL DETAILS.

NAME Shaun Evans

ADDRESS 18, Darnton Road,

Stalybridge,

Cheshire.

SK15 1NH

Mobile Number 07904981670

E-mail Address shaunfc@live.co.uk

Date of Birth 21st January, 1992

Status Single

Nationality British

Current occupation – Ip Broadcast Engineer at DAZN

(Current – March 2016)

At DAZN I support a team of up to 50 live operators, usually on my own or as a small team, and help to support the 24/7 live Playout of our DAZN sports App.

Utilising a heavily IP dependent system means that feeds are highly susceptible to errors such as packet loss, IP encoding abnormalities, uplink / or downlink issues from providers, operator errors or kit failure on live playout, windows and OS based issues and more. A typical day on shift would be to monitor and proactively or reactively troubleshoot live software or hardware issues, perform routing via our two Harmonic CP6000 encoders, troubleshoot our Global IRD’S to determine downlink issues into the business, undertake project tickets via Change management requests and processes, provide JIRA tickets on issues to be resolved and categorised in Incident management meetings, collaborate with the Network and project teams to perform system upgrades or troubleshoot WAN + LAN failures and much more.

In this role I am directly responsible for routing via Dataminer software and Appear TV chassis, live Probe IP / MPEG transport stream analysis over WAN links worldwide, Playbox playout software support, Viz RT graphics, Waveform monitoring, Solar winds WAN link monitoring, file QC, Sheduall bookings and visual path bookings, Encoders and decoder configuration, IP based comms units, JIRA 1+ 2 logging, Citrix usage, Service now, 4K broadcasting etc. I am also trained in Cisco CCNA networking. Here I am learning the TCIP/IP model + OSI model, network and switching, application and network support, the understanding of LAN and WAN infrastructure, Ip + Windows etc.

I am also looking to learn cloud and Devops technologies where possible. I currently have skills in Python automation language and already have a batch script successfully deployed in our working environment. The script is a .exe that generates a txt file on any windows user’s desktop, runs shell commands and writes these into the text file. The shell commands retrieve hardware, software, OS, IP information etc of the host server and displays this in the text file

I have recently earned my AWS Cloud practitioner’s qualification. This is the introductory qualification into AWS / cloud technologies and was a formal exam, testing my knowledge of cloud concepts, AWS services + tools, and cloud best practices. I now intend to pursue the AWS solutions Architect- associate qualification and hope this will serve as a platform to build further AWS and cloud-based experience in the future.

Finally I also have Linux experience. I am proficient with Ubuntu, generally running Ubuntu from my windows based laptop using a hypervisor (Oracle’s Virtual box). I hope to build on my Linux experience which will allow me to automate code in both windows and Linux domains.

Going forward I seek to use these skills to learn more devops focused technologies such as Chef, Ansible, Docker, Jenkins, Nagios etc

Former Occupation – Junior Broadcast Engineer / Transmission Engineer at Manchester United (MUTV)

(March 2016 – November 2013)

Formerly I was a full time employee at Manchester United Television (MUTV) after successfully graduating from Salford University with a 1st class honours degree in “Media Technology - BSC”. In this role, I acted as a broadcast engineer and a transmission engineer, and I am trained to be an intermediate between both positions for when the need should arise. Both engineer roles are very different and I thoroughly enjoyed them both as it allowed me to experience different engineering aspects of the studio environment and allowed me to further progress my skills in two very different fields of a 24/7 live channel environment.

In terms of broadcast engineering, this is where I mostly trained after joining MUTV. This is the most vast, most varied and most challenging role in the studio environment. Due to MUTV being a very small team, the engineers were required to act as general broadcast engineers, lighting operators, systems engineers, vision engineers, rack engineers and more on a daily basis. This is of course something I very much enjoyed due to the variety of work included and having a wide range of skills I can implement and expand upon, however it could be a very high pressure role. This could be particularly difficult on match days where sometimes I was the only engineer on shift and I was solely responsible for routing, pitch side set up and studio rigging, colour grading via vision engineering, lighting, IRD satellite downlinking / monitoring and more.

In terms of transmission I acted as a sole operative operating on a long shift, few days basis. Here I was responsible for the live operation of the channel, making sure we kept to strict timing schedules, made sure all files ingested / live recorded were accurate and uncorrupted in any way, ingested files through SAN access, operated crawler graphics, as well as dealt with external or internal phone calls on behalf of transmission and the general studio team among many other aspects.

I was tasked with maintaining live playout via Playbox automation software, fault finding and quickly resolving software / hardware / Ip based issues that may occur on our live six channel output. I was trained to act as a system engineer and use workflow schematics to identify technical issues, as well as act as a network engineer and identify problems associated with our six windows based servers. I often dealt with internal colleagues and external staff, and, when necessary, further collaborate with European based clients to log and resolve technical issues within our Tx suite and adopt new techniques into a standard method of best practice for Transmission engineering.

I also monitored and technically analysed all incoming and outgoing live and non-live feeds, routing for worldwide broadcast and archiving and distributing content via our Ip based Tx workflow.

University work

For three years I attended Salford University studying Media Technology BSC (Media Technology: Operational Engineering and system design.) Here I learnt a wide array of skills, including video and advanced audio editing using Protools, engineering technicalities for broadcast, UHD in depth, technical broadcast standards, project engineering and in depth system design, networking technicalities for broadcast purposes and much more.

My third and final year proved to be the most challenging. Here I mainly concentrated on three major projects: Advanced audio editing, Systems design project and my UHD based dissertation.

My audio editing project revolved around taking a sample of a real film, deleting the entire audio content (dialogue, FX, score etc) and recreating it through Avid Pro tools. This included advanced editing, scripting and casting actors for dialogue, stereo mixing and mastering, panning samples and more.

This combined well with a previous module I had undertaken focusing on encoding practises. This involved looking into codecs and file formats such as MPEG 2 /3 / 4 / 5 (HEVC), JPEG 2000, WAV, wrapper formats such as MXF and more.

We also looked heavily into compression and techniques involved such as GOP structures, Lossy and lossless compression, Data rates, storage capacities, MAM systems etc.

My tutor worked for BBC audio engineering and graded us to this level of broadcast standard. I feel I achieved this standard through many hours of effort, and eventually passed the module audio engineering with a 1st degree honours.

My major project revolved around creating an OB truck design for use at the Brazil world cup, in theory. We had to design the truck in every single technical aspect in great detail, including weight legalities, full cost of equipment and labour, Gantt charts and CPA’s, equipment scouting in every workflow aspect, and much more.

The truck design also had to meet very specific criteria. It had to be capable of SD, HD, and 4k content, as well as 3D content, region specific standards for SD, robotic cameras, OB level audio equipment, a full UHD end to end work flow and more. The technical detail of the truck design was very in depth and I liked the challenge. We created blue prints for design through MS Visio and then exported each individual workflow design into one full Visio and CAD blueprint for the entire truck itself, entirely end to end in every aspect. This was also accompanied by a full in depth technical brief, Gantt / CPA charts, costing briefs and more. Again I thoroughly enjoyed the technical creative freedom of this brief and this ended up being reflected in my grades for the module. I finished with 80% for the systems exam, 82% for the project itself, and an 80% First class honours for the module overall.

Finally my dissertation was 10,000 words minimum on an in depth technical paper on a broadcast subject of my choice. I chose the technical realities of a full UHD (4k and higher) workflow in terms of efficiency and ergonomics in relation to our current broadcast abilities, limitations and future prospects. Here I analysed mainly 4k as a broadcast standard and discussed the benefits and limitations of its implementation on a large scale as a whole, as well as also combining this with current technologies such as 3D / HD, storage and editing limitations with big data needs, UHD networking and content transmission issues, standards on the horizon (I.e. 8k, 6GB networks, MAM and cloud storage in broadcast) etc. This again was a project and topic I thoroughly enjoyed and again my efforts and ideas were rewarded with a 1st class honours award for the module.

Overall I graduated the course with a 1st class honours degree.

Further education and Qualifications

First class honours degree in Media Technology Bsc - 2010/ 2013

Salford University/ Media City.

2008- 2010

Ashton Sixth Form College

Stalybridge

A level Media Studies: Grade C

A Level Psychology: Grade C

A Level English Language: Grade C

A/S Level Fine Art: Grade C

References

* **DAZN Engineering Manager**

**Jan Sandas**

DAZN / Perform Group

Leeds

07973936450

* **University Programme Leader**

Laurence Murphy MA,MiET,MBCS

University of Salford

Orange Tower

Media City

Salford M50 2HE

Tel: 0161 295 6028

* **MUTV**

MUTV Engineering department

Sir Matt Busby way

Salford / Manchester