

JO REDWOOD

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EDUCATION

2009 - 2013 University of Plymouth

Digital Art and Technology (BSc)

Second Class Honours (Upper Division) with Certificate of Professional Industrial Experience

Final Year (Average 67%)

Real-time, Everywhere, Venture Culture, Dissertation (70%), Final Year Project (76%)

Second Year (Average 66%)

Creative Industries, Strategies for Art & Technology, Reflexive Design, Software Development for Digital Art

First Year (Average 66%)

Strategies for Art and Technology, Production for Art & Technology, Introduction to New Media, Introduction to Programming for Multimedia and Internet Applications

2002 - 2009 Torpoint Community College

A Level ('09) - Design and Technology: Product Design (A), Physics (C), Politics (D)

AS Level ('08) - Social Science (C)

GCSE ('07) - 11, including D&T Graphic Products(A*), Maths(B), Science(A*A*), English(AB)

WORK EXPERIENCE

2020 onwards – Head of IT and Software Developer Silverstream TV

- Experience in IT governance, policy writing, data protection, IT security, Cyber Essentials, Google Workspace, RMM

2013 -2020 – Software Developer and Streaming Engineer Silverstream TV

- Experience of In-house development work
- Broadened and deepened skill-set
- Created and maintained a variety of web platforms and tools including digital signage, social media signage , video hosting and management, live streaming, live Q&A chat, Event TV scheduling and various conventional websites
- Live streaming and broadcast experience
- Problem solving work in the field

2011-2012 – Junior Developer Assembly Studios

- Improved web development skills
- Experience working within a creative agency

Summer 2010 - Kitchen Assistant (Part-time), Jolly Jacks Waterfront Bar Bistro

- Experienced working under pressure
- Teamwork skills and ability to co-ordinate multiple processes

SKILLS

- Experience with numerous programming, query and mark-up languages including PHP, MySQL, JavaScript, JQuery, HTML(5), CSS and processing with some experience with Flash, Java and Android development
- Experienced with object orientated programming OOP including patterns
- Have written my own light PHP framework and worked with others, primarily CodeIgniter
- Good understanding of best security practices, implementing cryptography, preventing XSS and SQL injection attacks as well as following IT security news
- Experienced with SEO, structured mark-up and social media integration and accessibility
- Experience with revision control systems (GIT and SVN)
- Full stack LAMP and WIMP development and operations experience
- Linux experience (mainly CentOS, Ubuntu and Debian on Raspberry Pi)
- Experience with Wowza, HLS, DASH, RTMP and other streaming/video platforms/technology
- Experience with AV/broadcast technology such as vision mixers
- Inventive and good problem solving ability and understanding of key programming principles
- Have successfully lead several university group projects
- Work well both in teams and individually

INTERESTS

From an early age I've been interested in technology; often taking things apart to try to understand them, learning how to put them back together and eventually creating my own projects.

I enjoy cinema, have an eclectic taste in music and like walking, particularly on Dartmoor and along the coast. I also like to work on digital art projects using code and electronics in my spare time.

ACHIEVEMENTS

- Completed degree with numerous successful projects
- Developed a successful suite of platforms and tools at Silverstream TV
- Came second in a national competition to design a student organiser cover
- Achieved 98% for A-Level Product Design Coursework
- Royal Yachting Association's Start Sailing stage 3

REFERENCES

Available on request