chris**ridgers**

systems and software developer

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languages

English mother tongue

programming

♥Git,
♥C,
♥C++,
Java,
CSS3 & HTML5,
SASS & Markdown

Education

2011–2014 **Bachelor of Science** Creative Computing and Music Technology.

Keele University, Keele UK

SILO - Sound In Landscape Out Final year project was an implementation of the Fourier transform to produce 3D terrain objects from music input. *Course content:* *Computer animation, web design, 3D modelling and animation in Blender, games programming with ODE and OGRE, software requirements engineering, design and evaluation, history of sonic arts, sound recording and mixing with Logic Pro, film soundtrack evolution, visual-audio editing, time/ frequency domain digital signal processing, MAX/MSP application creation / sound synthesis, and music programming using C. Semester abroad studying in Concordia University, Montreal Canada. Awarded 2.1.*

2008–2010 **BTECH National Diploma** Media Production (Games Development)

West Cheshire College, Ellesemere Port UK

Study of the computer games industry, 3D Modelling and Animation (3DS Max), 2D image and texture creation and game design. *Course content:* *History and overview of the computer games industry, 3D modelling and animation in 3DSMax, image creation/ manipulation in Adobe Photoshop and games design and production. Awarded D,D,D.*

2007 **GCSE's in *various subjects***

Ysgol Uchwardd Penerlag, Wales UK

Multiple high level GCSE awards including English, Maths, Science and Systems Control Technology. .

Experience

2013–Now **Student Support and Development Services**   Keele University, Keele UK
Resident Support Assistant
Year long position working within student accommodation as a Resident Support Assistant (RSA). Roles included: out of hours contact regarding welfare issues and noise complaints, follow up welfare contact, promoting friendly living environments among students, arranging regular social activities and representing the support team at events. *Specialist training included: suicide and self harm awareness, first aid and sexual health awareness.*

2013 **Keele University w/ JANET**   Keele University, Keele UK
On-site Conference Assistant
Aided JANET in hosting Networkshop41 at Keele University. Roles included: directing and assisting visiting conference delegates around the conference area, promoting the event through social media, assisting with technical equipment and ensuring arrivals and departures occurred smoothly for delegates and vendors. *Personal highlights included witnessing a live joint performance by musicians in both Keele (local) and Scotland (remote) via the JANET network and Low Latency Audio Visual (LOLA).*

<-2013 **Various Retailers**   misc, UK
Store Associate (or equivalent)
Several positions within various companies over a span of approximately 5 years. Can produce reference on request.

Awards

2014   **Fan Dance 2014, Marshall Force10 and Point-to-Point**   The S.F Experience, UK

In addition to completing the Fan Dance event a second time similarly to the previous year, I acted as a marshal for two additional events requiring professionalism, commitment and fitness. These flagship events were the first from a brand new organisation looking to raise money for soldiers suffering from combat stress disorders (among other ailments) and provide the public with an insight in to the gruelling UK special forces selection process.

2013   **Fan Dance 2013**   Talking2Minds, UK

Completion of a 24km hiking route typically associated with HRM Special Forces. Completed on behalf of Talking2Minds and out of respect for the 3 soldiers who died attempting special forces selection during the summer of 2012.

2011   **3rd Place Keele 2011 Business Ideas Competition**   Keele University, Keele UK

Won third place for submitting an idea involving students, video games and the high speed infrastructure of the JANET network.

2007   **Silver Duke of Edinburgh Award**   Air Cadet Force (2247 Hawarden Sqdn.), Hawarden UK

Completed (following bronze) with members of the Air Cadet Force. Charity fund raising work included raising money for the squadron through local drives, sport activity was shooting (.22 rifles)

Extracurricular

2012–2014   **Keele University Computing and Innovation, KUCI**   Keele University, Keele UK

Held a range of roles including: Public Relations Officer, Events Manager, Vice-President and President. Achievements include hosting the end of year ball at the local Keele hall within the first year of gaining society status, organising an educational/ professional visit to a third party company event held in London, increasing member exposure to a professional industry, and working with the school to improve the classroom computer facilities.

2013–2014   **Keele Nerdfighter Society**   Keele University, Keele UK

Held the role of 'technical expert' for the Keele Nerdfighter Society. Role consisted of mainly setting up a channel page on YouTube, for which I produced some artwork using the GIMP tool.

2011–2014   **Student Academic Representative, STAR**   Keele University, Keele UK

Filled the voluntary role on and off for a period of 3 years to represent the students and aid the computing school with collecting feedback in order to further develop the course to achieve better quality of learning and student satisfaction. Took a break from the role during a second year semester studying abroad before returning later that year, before continuing in third year working with other STAR's to fill the role.

Interests

professional: games design and development, operating system compatibility, 3D art and graphics, desktop and GUI design and philosophies, web design/ web app creation, sound design, recording and synthesis, **personal:** guitar, French, Welsh, hiking, video games, film (particularly soundtracks), quality television, history, sociology and languages, Raspberry PI, sound systems, computer media management and delivery, reading a lot of online and printed academic texts, and sci-fi/ fantasy literature.