George Carr

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CURRENT ROLE

Lecturer in Computer Science Education

EDUCATION EXPERIENCE

Jan 2021 –Dec 2021
P.G.C.T.H.E, GRADE: Pass
Aberystwyth University, Aberystwyth

Sep 2011 –Aug 2015
MSc Teaching and Learning, GRADE: Merit
— Glyndwr University, Wrexham

Sep 2010 –Aug 2011
P.G.C.E., GRADE: Pass
— Glyndwr University, Wrexham

Sep 2006 - July 2009
Bachelor of Science (Honors), Internet and Multimedia Computing, GRADE: 2.1
— Glyndwr University, Wrexham

During my Master degree in learning technology I found I really enjoyed the pedagogical elements of the course, particularly the more scientific elements of education including Cognitive science and Neurology, the application of those in education interventions which support learners who may not be neurotypical; while also promoting learning in a manner which is universally beneficial is a particular interest of mine. I still maintain an interest towards academic developments in these fields with a view to integrate into them my own teaching practice.

This course also introduced me to develop my understanding in the development and management of V.L.E. sub systems as well as small scale technologies such as podcasts wikis, educational social media platforms and formative testing environments. All of which I used in an effort to encourage the interest in the field of computer science as well as to reduce the barriers that students often feel when tackling the cognitively demanding discipline exploring computational thinking.

CURRENT PROFESSIONAL EXPERIENCE

Sep 2011 – PRESENT
COURSE LEAD TUTOR and LECTURER, Coleg Cambria, Wrexham
I have experienced teaching of a wide range of Levels in further education, from Level 2 and GCSE Computing to teaching on our HNC programmes. In that time as well as teaching itself I have had roles

that involve planning and leading courses, pastoral support, communicating with industry and being responsible for quality processes.

Within my teaching roles I think it reasonable to say that I've taught all elements of Computer Science and I.T. in at least some part. Below I've listed those with which I would say I have the most familiarity and adeptness.

Application Development

My most common role in teaching involves software development, teaching a variety of languages including Python C# and VB.net. This has involved course developing from console to form based applications as well as some mobile development in a variety of programming paradigms

Website Development

I have a lot of experience with HTML, CSS Javascript and well as PHP.
I have developed for the .NET framework within Visual Studio. I have developed secure Desktop and ASP. Applications using .ADO AND XML to provide Data sources. I have used XSLT and CSS to provide formatting.

Multimedia Applications

Developed a 2D side scrolling Game shooting game using Multimedia fusion. I created the Graphics for the game using a combination of 2D and 3D Modeling and Animation techniques
I have also created a Multimedia application for children using this to educate children about a selection of nouns, verbs and adjectives associated with a letter of the alphabet.
I have created 3D animations with Blender as well as Lightwave 3D and . I then used Ableton studio, CSound and Adobe Audition to create sound tracks and Sound effects, before integrating audio and visuals in Adobe Premier and Expression Encoder; before compressing them.

PREVIOUS PROFESSIONAL EXPERIENCE

Feb 2010-Dec2010
Education Officer, Chester Cathedral - 12 Abbey Square, Chester, CH1 2HU

The post of Education officer meant that I was responsible for a team of volunteers inspiring learning for over 7,000 children and young people a year for educational activities at Chester Cathedral.

Aug 2005-Dec 2011
Visitor Assistant/Audio Visual Technician, Grosvenor Museum, Chester, Cheshire, CH1 2DD

I assisted with any visitor's needs while they visited the museum. I also act as technical support for any of our multimedia lectures within the museum and also helped with educational activities.

INTEREST AND ACTIVITIES

I have an interest in Hiking and cycling as I enjoy the challenge and the journey these activities involve, I have chosen to engage in these activities within my recent holidays.