
Dr Richard John Haddlesey PhD

5th June 1970 (48)

British – Full driving licence

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Profile

I am a passionate and skilled educator and programmer specialising in Web and Applications Development. I have taught computer Science at secondary, Post-Education, University and industry levels

Skill Set

- Experienced with HTML, XHTML, XML, CSS, JavaScript, REACT.js, Redux, AJAX, Node.JS, Python for building web sites and apps.
- Experience with Python, Visual Basic, Java, C++, C# and SQL for software design, build and testing

Education

04/2018-05/2018	Modern REACT with REDUX Upskilling in contemporary programming languages and various JavaScript frameworks
02/2018-04/2018	Business and Administration Level 2 Upskilling in business and administration management.
02/2006-10/2010	Doctor of Philosophy (Ph.D.) research student, Universities of Winchester & Southampton Digital Archaeology – using Digital technologies (GIS, XML, XHTML, SQL) and Computers to collate, manipulate, interrogate, and disseminate data through visual databases and 3D modelling (3D Max, Maya, ArcGIS, AutoCAD)
09/2009-06/2010	PGCE in Secondary ICT, University of Exeter Teaching students Computer Science and computational thinking .
08/2006-06/2008	PILT Postgraduate Induction to Learning aimed at lecturing to Undergraduates and Higher Education.
09/2004-08/2005	Master of Science (MSc), University of Southampton, MSc Archaeological Computing (virtual pasts). Using XML, XHTML, 3D Studio Max, Maya, AutoCAD and ArcGIS to record and recreate the past
09/2001-07/2004	Bachelor of Science (BSc), Bournemouth University, Heritage Conservation BSc (Hons 2.1)

Employment

Mar 2017 - Present	The Training Room, Poole. Senior Tutor of the IT service Line specialising in Web Development using XML, HTML, CSS, JavaScript, AJAX, PHP, SQL, React.js, Node.js Computer Programming using Java, SQL, Python, C#, C++ Cyber Security, Infrastructure and Networks using Bash, Linux, CMD, Terminal and PowerShell
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The role provides training for students who want to gain industry certification from CompTIA, Microsoft, CIW, Oracle and CISCO. It also allows me to continue learning and exploring other computer languages and study new technologies and employ best practice and create Well-Formed code on a daily basis. Much of the work is debugging and checking the syntax of the students code and providing tips for best practice and creating well-formed code.

- Mar 2016 – Mar 2017** **The Bishop of Winchester Academy, Bournemouth**
Helping students learn computationally by applying the UML and Computer/Systems Life Cycle with Python and Visual Basic. Using Robots, software and Pi's to teach command line interfaces and computational thinking and automation through software with links to the DT department and 3D printing.
- Jan 2015 - Mar 2016** **Computer Science Supply Teaching**
Teaching students to use and apply computational thinking to create software solutions using Python, Visual Basic, C#, Linux, Bash, HTML, XML and C++. The majority of my work included designing the workflows and pseudo-code and then problem and fault finding the students code. Debugging has therefore become both a strength and a passion.
- May 2013 – Dec 2014** **Marine Inspection Services**
Carrying out Hull Condition Surveys through Ultrasonic Thickness Measurement (UTM), NDT Inspections using Ultra-sound technologies. Most of the work was carried out at sea or dry dock. This involved a great deal of international travel.
- Jul 2011 – May 2013** **Historic Buildings Consultant**
Services include – non-destructive, archaeological, metric, photogrammetric, dendrochronological, and geophysical surveying of historic buildings. All surveys where uploaded to my visual database hosted on my website <https://medarch.co.uk/>
- Jan 2011 – July 2011** **The Thomas Hardy School, Dorchester**
Teaching years 9 to 13 (6th Form) Computer Science and ICT
- Jan 2010 – June 2010** **PGCE placement at Oakmead Technology College and The Thomas Hardy School**
Learning how to teach ICT and Computer Science
- Sep 2009 – Jun 2010** **Associate Lecturer, Department of Archaeology, University of Winchester**
Updated and ran a 13 week module on archaeological computing (level 2)
- Sep 2000 – Nov 2010** **Attending the Universities of Bournemouth, Southampton, Winchester and Exeter**
Attending University to change my life and possibilities
- Jun 1986 – Sep 2000** **Electrician Installation Engineer**
Working exclusively on industrial, agricultural and oil installations. Control and supply wiring to motors, machines and oil platforms using various cable types in England, Scotland, the USA and Malaysia.

Hobbies and Personal Statement.

I am extremely passionate about the use of modern (and developing) technologies to enrich our lives, both at home and in the work place. I have always utilised digital technologies and now find it a privilege to teach and thus promote their use and development. I am very well traveled and have experienced many different cultures, languages and religions. I am adaptive and disciplined and embrace new challenges and ideas. I am open minded and always looking at ways to improve my life and those around me. My online CV is available at <https://medarch.co.uk/CV/index.html>. I have taught how to build websites, Apps and Software solutions – now it is time to apply that knowledge and build for my own future!