

Brief biography Dr Kevin R Bond

I have been programming and teaching programming in Delphi since Delphi 1 and before that Pascal.

I have recommended Delphi to schools since Delphi 1 and was instrumental in establishing Delphi as the recommended teaching language for A Level Computing when I was Chief and Chair of Examiners for AEB/AQA A Level and AS Level Computing. Delphi features in the Computer Science textbooks that I have published recently. I am currently working on a Delphi programming textbook for AS/A Level Computer Science (Early Access pdf is available). I believe that for students in the age range 14 -18 years, Delphi offers a much easier route to understanding programming concepts and principles than Java, C#, Python, and VB.Net, the other competing languages in UK schools for this age range.

History

- BSc Physics London university, 1968 - 1971
- PhD Solid state low temperature Physics: Studies of Non-stoichiometric and impurity effects on the electric and thermoelectric properties of Nickel Oxide, Exeter university, 1976
- Physics teaching, Aylesbury Grammar School, Second in department, 1976 - 1978
- Senior Development Engineer, Marconi Space and Defence Systems - radar, electronics and software development of a portable operating system written in BCPL, 1978 - 1980
- Senior Systems Analyst, Philips Telecommunications - Telephony software written in Chill, 1980 - 1981
- Physics teaching, Aylesbury Grammar School, Second in department, 1981 - 1986
- Head of Computing, Aylesbury Grammar School, set up Computing department and taught 16-18 year-olds A Level Computing, intake of 60 students per year for two-year course at its peak, 1986 - 2010
- Chief Examiner for A Level Computing, AEB/AQA Examining Board, 1991 - 2006
- Chair of Examiners for AS/A Level Computing, AQA Examining Board, 2006 until retirement 2016
- Lead developer for several AS/A level Computing/Computer Science curricula for AQA including 1996 - 2015
- Founder member of Computing At School (CAS) national organisation (www.computingatschool.org.uk), Microsoft Research UK, 2008
- Board member of Computing At School, 2008 - 2014
- Author of Computer Science Body of Knowledge for UK schools, April 2010
- BCS Chartered IT Professional Fellowship, April 2011
- Elected Fellow of British Computer Society (BCS) for my contribution to Computer Science education in UK, May 2011
- British Computer Society Certificate of Thanks for outstanding contribution to the development of the CAS Curriculum of Computing, June 2011
- Founded Educational Computing Services Ltd, incorporated 1999, to provide support to schools teaching Computing/Computer Science, currently managing director
- Led numerous development courses for teachers of Computing/Computer Science in the last 25 years including programming in Delphi

Some of my published and my company's published resources

- Letts Study Guide A Level Computing Pat Heathcote, Kevin Bond, 1-85758-601-8
- AQA AS Computing Kevin Bond, Sylvia Langfield, Nelson Thornes, 978-0-7487-8296-3
- AQA A2 Computing Kevin Bond, Sylvia Langfield, Nelson Thornes, 978-0-7487-8298-7
- A Level Computer Science for AQA Unit 1, Kevin R Bond, Educational Computing Services Ltd, 978-0-9927536-1-0
- A Level Computer Science for AQA Unit 2, Kevin R Bond, Educational Computing Services Ltd, 978-0-9927536-2-7
- AS Level Computer Science for AQA Units 1 and 2, Kevin R Bond, Educational Computing Services Ltd, 978-0-9927536-3-4
- GCSE Computer Science for AQA Kevin R Bond, Educational Computing Services Ltd, 978-0-9927536-4-1
- GCSE Computer Science for AQA 8525 Kevin R Bond, Educational Computing Services Ltd, 978-1-8381026-0-9
- How to Program Effectively in Delphi for AS/A Level Computer Science (in preparation), 978-0-9927536-0-3
- GraphDraw written in Delphi - <http://www.educational-computing.co.uk/resources.html>