A Level Computer Science

Wider Reading

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| Books | **OCR AS and A Level Computer Science Paperback** 12 Sep 2016by P M Heathcote (Author), R S U Heathcote (Author)ISBN-10: 1910523054 ISBN-13: 978-1910523056**£29.00****My Revision Notes OCR A level Computer Science Paperback** 25 Mar 2016by George Rouse (Author), Sean O'Byrne (Author), Jason Pitt (Author) ISBN-10: 1471865835 ISBN-13: 978-1471865831**£16.99****Essential Maths Skills for AS/A Level Computer Science** 27 May 2016by Gavin Craddock and Victoria EllisISBN-10: 1471863573 ISBN-13: 978-1471863578**£10.99** GitHub (free programming ebooks)<https://github.com/EbookFoundation/free-programming-books/blob/master/free-programming-books.md#javascript> |
| Magazines and Journals | Computer - <https://www.computer.org/computer-magazine/>CS4FN - <http://www.cs4fn.org/lastonein/lastonein.php>magPi - <https://www.raspberrypi.org/magpi/> IEEE explore (Journals Archive)<http://ieeexplore.ieee.org/browse/periodicals/title//?refinements=4291946551> |
| Places of Interest to visit | The National Museum of Computing - <http://www.tnmoc.org/>Bletchly Park - <https://bletchleypark.org.uk/> |
| Websites  | Wikibooks - <https://en.wikibooks.org/wiki/A-level_Computing/AQA> Bitsize - <http://www.bbc.co.uk/education/subjects/zxmh34j> Brilliant - <https://brilliant.org/computer-science/computer-science/> Think Like a Computer Scientist -[http://www.openbookproject.net/thinkcs/python/english2e/index.html#](http://www.openbookproject.net/thinkcs/python/english2e/index.html) Using Python -<http://usingpython.com/python-introduction/>Program Arcade Games -<http://programarcadegames.com/> |
| Youtube Channels | Craig & Dave -<https://www.youtube.com/channel/UC0HzEBLlJxlrwBAHJ5S9JQg/playlists?shelf_id=10&sort=dd&view=50>Computerphile - <https://www.youtube.com/user/Computerphile/videos?view=0&sort=dd&flow=grid> Introduction to Computer Science I", Harvard OpenCourseWare - <https://www.youtube.com/watch?v=z-OxzIC6pic&list=PLvJoKWRPIu8G6Si7LlvmBPA5rOJ9BA29R>  |
| MOOC Courses | Introduction to Computer Science<https://www.edx.org/course/introduction-computer-science-harvardx-cs50x> Intro to Computer Science & Programming Using Python<https://www.edx.org/course/introduction-computer-science-mitx-6-00-1x-10>  |
| News Articles | BBC Click - <http://www.bbc.co.uk/programmes/n13xtmd5> MT News - <http://news.mit.edu/topic/computers>Phys.org - <https://phys.org/technology-news/computer-sciences/> |
| Summer School | UNIQ - <https://www.uniq.ox.ac.uk/content/computer-science> Royal Institution - <https://www.eventbrite.co.uk/e/summer-schools-computer-based-mathematics-age-1618-tickets-33662260728?aff=es2>  |
| Pod Cast/Radio 4 | Wired - <http://www.wired.co.uk/series/wired-podcast>BBC Tech Tent - <http://www.bbc.co.uk/programmes/p01plr2p/episodes/downloads> BBC – Computing Briton<http://www.bbc.co.uk/programmes/b06bq6j1/episodes/downloads>  |
| TED Talks | 20 Must See TED Talks for Computer Scientists - <https://www.youtube.com/watch?v=EF692dBzWAs&list=PLF7032F8EB1A4F9E2> |