A Level Computer Science

Wider Reading

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| Books | **OCR AS and A Level Computer Science Paperback** 12 Sep 2016  by 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 2016  by 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 2016  by Gavin Craddock and Victoria Ellis  ISBN-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/pla ylists?shelf\_id=10&sort=dd&view=50](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](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> |