Computer Science/Enterprise Reading List

Key Stage 3

Title	Author	Links to curriculum	Fiction? Non-fiction? Genre?
How to Build a Billion Dollar App	George Berkowski	App and programme design	NF
Python Programming Fundamentals	Nischay Kumar Hegdy	Python programming	NF
The Codebreakers	David Kahn	Turing, ciphers and security	NF
The GCHQ Puzzle Book	Penguin Publishers	Brain teasers, decomposition, abstraction and code cracking	NF
Ready Player One	Ernest Cline	Explores pro and cons of "virtual worlds"	F

Key Stage 4

Title	Author	Links to curriculum	Fiction? Non-fiction? Genre?
The Power of Computational Thinking	Paul Curzon	Programming	NF
Computational thinking for the Modern Problem Solver	David Riley	Computational Thinking	NF
Programming Python	Mark Lutz	Python Programming	NF
Problem Solving with Flowcharts	Achla Agarwal, Krishna Agarwal, Laura Gladrich, Mark Gladrich	Computational Thinking, Algorithms	NF
My Revision Notes: OCR Computing for GCSE	Sean O'Byrne and George Rouse	Revision	NFAe
Artificial Intelligence: A Guide for Thinking Humans	Melanie Mitchell	The relationship between computation and genuine understanding	NF