Mindluster Platform

About the course Computer Science

Is Computer Science hard? Learning the discipline of Computer Science is a hard and difficult endeavor for most students. However, if you are willing to invest the time and learn serious time management skills, most students can successfully learn the discipline and pursue successful careers in Computer Science fields.What do you study in computer science? The most important aspect of computer science is problem solving, an essential skill for life. Students study the design, development and analysis of software and hardware used to solve problems in a variety of business, scientific and social contexts.What is a computer science degree? A bachelor's in computer science trains undergraduates to develop computer software, write code in multiple programming languages, and solve computing problems. ... A bachelor's degree in computer science meets entry-level requirements for many coding careers, including software developer or information security analyst.Is computer science a good career? You'll Be Part of a Growing Industry: The number of jobs for computer and math occupations is growing much faster than average, making computer science one of the most viable degree options. Opens the Door to High-Paying Careers: Computer science graduates earn some of the highest starting salaries of any major.Can I do computer science if I'm bad at math? If you want to work in computer science, you need to be able to grasp complex mathematics. Advanced Calculus and Linear Algebra is just the beginning and are heavily dependent on algebra. There's very little opportunity for computer scientists without getting the math down.Is computer science a lot of math? Discrete mathematics, linear algebra, number theory, and graph theory are the math courses most relevant to the computer science profession. Different corners of the profession, from machine learning to software engineering, use these types of mathematics.

Science Category's Courses

Course Lesson(41)

Lesson 1 : **Crash Course Computer Science Preview**

Lesson 2 : **Early Computing Crash Course Computer Science 1**

Lesson 3 : **Electronic Computing Crash Course Computer Science 2**

Lesson 4 : **Boolean Logic Logic Gates Crash Course Computer Science 3**

Lesson 5 : **Representing Numbers and Letters with Binary Crash Course Computer Science 4**

Lesson 6 : **How Computers Calculate the ALU Crash Course Computer Science 5**

Lesson 7 : **Registers and RAM Crash Course Computer Science 6**

Lesson 8 : **The Central Processing Unit CPU Crash Course Computer Science 7**

Lesson 9 : **Instructions Programs Crash Course Computer Science 8**

Lesson 10 : **Advanced CPU Designs Crash Course Computer Science 9**

Lesson 11 : **Early Programming Crash Course Computer Science 10**

Lesson 12 : **The First Programming Languages Crash Course Computer Science 11**

Lesson 13 : **Programming Basics Statements Functions Crash Course Computer Science 12**

Lesson 14 : **Intro to Algorithms Crash Course Computer Science 13**

Lesson 15 : **Data Structures Crash Course Computer Science 14**

Lesson 16 : **Alan Turing Crash Course Computer Science 15**

Lesson 17 : **Software Engineering Crash Course Computer Science 16**

Lesson 18 : **Integrated Circuits Moore s Law Crash Course Computer Science 17**

Lesson 19 : **Operating Systems Crash Course Computer Science 18**

Lesson 20 : **Memory Storage Crash Course Computer Science 19**

Lesson 21 : **Files File Systems Crash Course Computer Science 20**

Lesson 22 : **Compression Crash Course Computer Science 21**

Lesson 23 : **Keyboards Command Line Interfaces Crash Course Computer Science 22**

Lesson 24 : **Screens 2D Graphics Crash Course Computer Science 23**

Lesson 25 : **The Cold War and Consumerism Crash Course Computer Science 24**

Lesson 26 : **The Personal Computer Revolution Crash Course Computer Science 25**

Lesson 27 : **Graphical User Interfaces Crash Course Computer Science 26**

Lesson 28 : **3D Graphics Crash Course Computer Science 27**

Lesson 29 : **Computer Networks Crash Course Computer Science 28**

Lesson 30 : **The Internet Crash Course Computer Science 29**

Lesson 31 : **The World Wide Web Crash Course Computer Science 30**

Lesson 32 : **Cybersecurity Crash Course Computer Science 31**

Lesson 33 : **Hackers Cyber Attacks Crash Course Computer Science 32**

Lesson 34 : **Cryptography Crash Course Computer Science 33**

Lesson 35 : **Machine Learning Artificial Intelligence Crash Course Computer Science 34**

Lesson 36 : **Computer Vision Crash Course Computer Science 35**

Lesson 37 : **Natural Language Processing Crash Course Computer Science 36**

Lesson 38 : **Robots Crash Course Computer Science 37**

Lesson 39 : **Psychology of Computing Crash Course Computer Science 38**

Lesson 40 : **Educational Technology Crash Course Computer Science 39**

Lesson 41 :
The Singularity Skynet and the Future of Computing Crash Course Computer Science 40

Related courses

Geography

Organic Chemistry

History of Science

Physics

Astronomy

Anatomy Physiology

for Business Contact
business@mindluster.com