

LIST OF BOOKS FOR COMPUTER SCIENCE

A. LIST OF BOOKS FOR COMPUTER SOFTWARE ENGINEERING

1. Introduction to Computers Using Information Technology by Williams, Sawyer, Hutchinson Irwin McGraw-Hill
2. Introduction to Programming , Introduction to Java Programming: Fundamentals First, 6th Edition by Daniel Armstrong Prentice Hall
3. System Software: An introduction to systems Programming Ejame Stroustrup Addison Wesley
4. Introduction to Digital Systems , Digital Systems 6th Edition Principles & Applications by Ronald J. Tocci/Prentice Hall of India
5. Computer Packages Using Information Technology by Williams, Sawyer, Hutchinson/Irwin McGraw-Hill
6. Mastering Microsoft Office 2000 Professional Edition by Gini Courter, Annette Marquis/SYBEX
7. Introduction to System Analysis System Analysis & Design Methods by Jeffrey L. Whitten, Lonnie D., Bentley/McGraw-Hill Companies
8. Logic and Linear Algebra Further Mathematics by C. O. Oroge/Clemol Publishers
9. Introduction to Statistics Statistics by Frank Owen & Ron Jones/Pitman Publishing
10. English and Communication, English Grammar for schools and colleges by Gbenga Fakuade/Paraclete Publishers
11. Real Writing with Reading by Susan Anker/BED FORD/ST. MARTIN'S
12. Data Structures and Algorithm Data Processing and Information Technology 10th Edition by Oliver & Chapman's/Martins the Printers Ltd
13. PC Upgrade and Maintenance Upgrading and Repairing PCs 17th Edition by Scott Mueller/Wiley, John & Sons, Inc.
14. File Organisation & Management Using Information Technology by Williams, Sawyer, Hutchinson/Irwin McGraw-Hill
15. Computer System Troubleshooting Computer Repair with Diagnostic Flowchart: Troubleshooting, PC Hardware Problems from Boot Failure to Poor Performance by Morris Rosenthal/Foner Books
16. Computer and Society Using Information Technology by Williams, Sawyer, Hutchinson/Irwin McGrawHill
17. Basic Hardware Maintenance Computer Repair with Diagnostic Flowchart by Morris Rosenthal/Foner Books
18. Calculus Further Mathematics by C. O. Oroge/Clemol Publishers.
19. Introduction to Systems Programming System Software: An Introduction to Systems Programming by Ejame Stroustrup/Addison Wesley 32
20. Computer Programming Using O O BASIC Object – Oriented Programming with Visual Basic.NET by Michael McMillan Cambridge University Press
21. Structure Query Language, SQL Simplified by Cecelia Allison/Author house
22. ORACLE, Expert Oracle Database Architecture by Thomas Kyte, Tony Davis/Apress L.P
23. Oracle PL/SQL Programming 4th Edition by Steven Feverstein, Bill Pribyl/O'Beilly Media, Inc
24. Entrepreneurship Development Small Business Management by Soji Olokayo/Ola Jamon Printers & Publisher

25. System Programming Concept (C++) , The C++ Programming Language Special Edition by E. James Stroustrup/Addison Wesley
26. C Programming Language by Brian W. Kernighan, Dennis M. Ritchie/Pearson Education
27. Scientific Programming Language using Object Oriented JAVA, Introduction to JAVA Programming: Fundamentals First, 6th Edition by Daniel Armstrong/Prentice Hall
28. CORE JAVA 2 (VOL 1 &2) by Cay S. Horstmann & Garry Cornell/ Prentice Hall
29. Management Information System, Management Information Systems 7th Edition by James A. O'Brien, George Marakas /Mc.Graw-Hill/Irwin
30. Software Project Management, Design for Trustworthy Software: Tools, Techniques and Methodology of Robust Software by Bijay K. Jayasual; Peter C. Patton /Prentice Hall
31. The Unicorn Project by Gene Kim 2019
32. The Tao of Programming by Geoffrey James 1986
33. SOFTWARE ENGINEERING ESSENTIALS, Volume III, The Engineering Fundamentals, by Richard Hall Thayer, Merlin Dorfman, Steve Tockey, Friedrich L. Bauer 2012
34. Software Engineering Handbook by Jessica Keyes 2002
35. An Approach to Model-Driven Testing Functional and Real-Time Testing with UML 2. 0, U2TP and TTCN-3 by Zhen Ru Dai 2006
36. Structure and Interpretation of Computer Programs JavaScript Edition by Martin Henz, Tobias Wrigstad, Harold Abelson, Gerald Jay Sussman 2022
37. Iron-Clad Java Building Secure Web Applications by Jim Manico, August Detlefsen 2014
38. Working in Public The Making and Maintenance of Open Source Software by Nadia Eghbal 2020
39. Software Engineering Merlin Dorfman, Richard H. Thayer 1996
40. Software Engineering at Google Lessons Learned from Programming Over Time by Titus Winters, Tom Manshreck, Hyrum Wright 2020
41. Peopleware Productive Projects and Teams by Tom DeMarco, Tim Lister 2013
42. Debugging Our Computer Science Programs, Research, Evaluation, and Recommendations for Improving Our Computer Science and Information Technology Academic Programs, by Mark Reha 2019
43. Artificial Intelligence in Practice How 50 Successful Companies Used AI and Machine Learning to Solve Problems by Bernard Marr, Matt Ward 2019
44. Optimizing Contemporary Application and Processes in Open Source Software by Mehdi Khosrow-Pour 2018
45. Impact of Ada and object-oriented design in the flight dynamics division at Goddard Space Flight Center, National Aeronautics and Space Administration (NASA), 2018
46. Software Management Environment release 9.4 user reference material National Aeronautics and Space Administration NASA 2018
47. Metrics and Models for Evaluating the Quality and Effectiveness of ERP Software by Geoffrey Muchiri Muketha, Elyjoy Muthoni Micheni 2019
48. Global Software Engineering Virtualization and Coordination by Gamel O. Wiredu 2019
49. Object-Oriented Software Engineering Using UML, Patterns, and Java, International Economy Edition ,Allen H. Dutoit Bernd Bruegg
50. Embedded and Real Time System Development A Software Engineering Perspective : Concepts, Methods and Principles - 2013 Edition BY Saqib Saeed Mohammad Ayoub Khan Ashraf Darwish Ajith Abraham

51. Software Quality, Quality Intelligence in Software and Systems Engineering: 12th International Conference, SWQD 2020, Vienna, Austria, January 14–17, ... in Business Information Processing, 371 by Dietmar Winkler, Stefan Biffel, Daniel Mendez, Johannes Bergsmann 2019
52. Certifying Software Component Performance Specifications BY Henning Groenda 2020
53. Chaos Engineering, System Resiliency in Practice BY Casey Rosenthal, Nora Jones 2020
54. Staff Engineer, Leadership beyond the management track by Will Larson, Tanya Reilly 2021
55. The Ghidra Book, The Definitive Guide by Chris Eagle, Kara Nance 2020
56. Mythical Man-Month, The Essays on Software Engineering, Anniversary Edition by rederick Brooks Jr. 1995
57. Fundamentals of Software Architecture, An Engineering Approach by Mark Richards, Neal Ford 2020
58. Software Architecture in Practice by Len Bass, Paul Clements, Rick Kazman 2021
59. Python for DevOps , Learn Ruthlessly Effective Automation by Noah Gift, Kennedy Behrman, Alfredo Deza, Grig Gheorghiu 2020
60. The Missing README, A Guide for the New Software Engineer by Chris Riccomini, Dmitriy Ryaboy 2021

B. LIST OF BOOK FOR COMPUTER HARDWARE ENGINEERING

1. Computer Security, A Hands-on Approach by Wenliang Du 2017
2. Computer Networks by Andrew Tanenbaum, David Wetherall 2010
3. Computer Organization and Design by Patterson
4. CompTIA A+ Guide to IT Technical Support by Jean Andrews, Joy Dark, Jill West 2019
5. Software comes from heaven when you have good hardware. -Ken Olsen Notebook Gift with computers Quotes| Notebook Gift |Notebook For Him or Her | 120 Pages 6"x 9" by KOBE SMITH 2021
6. Computer Essentials, Computer Science Basics, Architecture, Design, Application Concepts, Quantitative Approach, Engineering, Technology, Ethics, Forensics, Graphics, Hacking & Hardware. By Jerry Ramonyai 2021
7. Code ,The Hidden Language of Computer Hardware and Software by Charles Petzold2022
8. CompTIA A+ Core 1 Exam, Guide to Computing Infrastructure by Jean Andrews, Joy Dark, Jill West 2019
8. Computer Organization and Design MIPS Edition , The Hardware/Software Interface by David A. Patterson, John L. Hennessy 2020
9. Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Sixth Edition by Mike Meyers 2019 34
10. Building Your Own Computer Made Easy, The Step By Step Guide by James Bernstein 2019
11. Modern Computer Architecture and Organization, Learn x86, ARM, and RISC-V architectures and the design of smartphones, PCs, and cloud servers by Jim Ledin 2020
12. Computers For Seniors For Dummies by Nancy C. Muir 2017
13. Windows 10 Made Easy Take Control of Your PC By James Bernstein 2021
14. Upgrading and Repairing PCs by Scott Mueller 2015
15. Raspberry Pi Cookbook, Software and Hardware Problems and Solutions by Simon Monk 2019
16. Mike Meyers' CompTIA A+ Certification Passport, Seventh Edition by Mike Meyers, Mark Soper 2020
17. Framework for Monitoring Hardware Firewall Functionality Using NIDS by Peter Kemei 2013
18. Hardware Security, A Hands-on Learning Approach by Swarup Bhunia Ph.D. Purdue University, Mark Tehranipoor Ph.D. 2018
19. Macs All-in-One For Dummies by Joe Hutsko, Barbara Boyd, Jesse Feiler, Doug Sahlin| 2020
20. Essential Computer Hardware Second Edition, The Illustrated Guide to Understanding Computer Hardware by Kevin Wilson2018
21. The Architecture of Computer Hardware, Systems Software, and Networking, An Information Technology Approach by Irv Englander, Wilson Wong 2021
22. Invitation to Computer Science by G.Michael Schneider, Judith Gersting 2018
23. Designing Video Game Hardware in Verilog by Steven Hugg2018
24. Application of FPGA to Real-Time Machine Learning by Hardware Reservoir Computers and Software Image Processing Piotr Antonik 2019
25. Computer Organization and Design, The Hardware/Software Interface. Third Edition, Revised by David A. & John L. Hennessy Patterson
26. Understanding Computers, Smartphones and the Internet by Ernest Dainow2018

27. Understanding the Digital World, What You Need to Know about Computers, the Internet, Privacy, and Security, Second Edition by Brian W. Kernighan 2021
28. Computer Hardware, Installation, Interfacing, Troubleshooting and Maintenance by K. L. JAMES
29. Computer Hardware and Troubleshooting Lab Guide , yourselves by Shashidhar Ganesh G 2018