St John’s College Library

SUBJECT GUIDE:

COMPUTER SCIENCE
Resources for Computer Science

1. Books

Most computer science books are located on the Mezzanine Floor and are classified along with mathematics books under classmarks beginning QA. Oversize volume precede the main sequence. Books covering the hardware and engineering aspects of computer science are located in the engineering section in the Chapel Wing on the Second floor at TK.

The main computing section is to be found at QA 75-76.95. This is subdivided as follows:

- QA 75 General works on computer science
- QA 75.17 History of computer science
- QA 76.5 Digital computers
- QA 76.6 Programming
- QA 76.7 Programming languages
- QA 76.73 Individual programming languages, arranged alphabetically
- QA 76.75- Computer software
- QA 76.755 Manuals for individual software applications
- QA 76.76 Special topics associated with computer software
- QA 76.8 Particular computer systems, microprocessors
- QA 76.9 Other topics, eg:
  - QA 76.9.A25 Computer security
  - QA 76.9.A73 Computer architecture
  - QA 76.9.C65 Computer simulation
  - QA 76.9.D3 Databases
  - QA 76.9.D5 Distributed processing
  - QA 76.9.M3 Mathematics, Computer
  - QA 76.9.S88 System design

TK (Second floor) - Electrical engineering, electronics including general works on computer engineering and computer hardware at TK 7885-7895, and works on data transmission, computer networks, and the internet at TK 5105.
2. **Journals**

All of the Library’s journal holdings, listed by subject, are available via the website:

http://www.joh.cam.ac.uk/journals

The Library does not take any journals specifically devoted to computer science. However, it does hold a range of mathematics and general science journals which may contain items of interest to computer scientists, these are listed by subject at the above address.

E-journals can be searched via *Cambridge LibGuides* (see below for more information).

3. **Electronic Resources**

*Cambridge LibGuides* provide a complete guide to all subjects and electronic resources as e-journals, ebooks and databases available across the University:

http://libguides.cam.ac.uk

Recommended resources include:

- AEM Digital library
- arXiv.org
- Computer and Information Systems Abstracts
- IEEE Xplore
- Web of Science

The *Computer Laboratory Library* website includes a comprehensive list of electronic resources by subject:

http://www.cl.cam.ac.uk/library/reslists/

*FOLDOC* is a free online dictionary of computing. It includes definitions of acronyms, jargons, programming language, etc.

http://foldoc.org/

*Note: A Raven password is required for online access off-campus.*
Other libraries you may find useful: University Library, Betty and Gordon Moore Library, Computer Laboratory Library

Recommendations
The College Library aims to provide all works necessary for Part One courses, and a selection of the most important works required for Part Two. We receive reading lists from the departmental libraries in advance of each academic year, and continually update the Library collections in response to requests from Directors of Studies, supervisors, and students. You can recommend an item by using the online recommendation form or by filling in a recommendation form available at the Issue Desk. All reasonable requests will be considered. If texts you require for your course are not available in the College Library, please talk to a member of Library staff.

Help
If you have any difficulty in tracing the material you need, whether in printed or electronic format, please ask a member of Library staff for assistance.

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