



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.

Ejournals can be searched via eresources@cambridge (see below for more information).

3. Electronic resources

The Library Gateway provides a complete guide to electronic resources available across the University:

<http://www.lib.cam.ac.uk/eresources/index.php>

Select 'Computer Science' from the drop-down menu.

Key resources include:

arXiv.org

Computer and Information Systems Abstracts

Science Citation Index

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:

<http://foldoc.org/>

Note: A Raven password is required for online access off-campus.

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. If texts you require for your course are not available in the College Library, please talk to a member of Library staff. Recommendation cards for new purchases can be found at the Issue Desk, and all reasonable requests will be considered.

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.