Library Research
(and how to do it from home in your pajamas)

ECS 293
Phoebe Ayers
Computer Science and Electrical Engineering Librarian
From Prof Rogaway:

What is your research?

Your research is your papers [in some areas, certain artifacts other than papers are also your research]

• Cor: your research is not your: projects, grant proposals, ideas, skills, whom you know, whom you’re working with

http://american.cs.ucdavis.edu/academic/ecs293.f07/
Types of sources in CS:

- Conference proceedings
- Technical reports and preprints
- Journal articles
- Books
- Magazine and newspaper articles
- Handbooks, encyclopedias
Finding stuff
Computer science subject guide (start here)

Physical Sciences & Engineering Library

Computer Science Subject Guide
Library resources for the field of Computer Science

Use the Links Below to Find:
Articles | Books | Handbooks | Technical Reports | Languages | Algorithms | Societies | Classes & Handouts | Electronic Journals A-Z | Patents | Style Guides | Web Sites | Departments

More Subject Guides...

How Do I...
Connect from Off Campus? Find A Book or An Article? Use UC-eLinks? Import Citations into Endnote for Windows or Mac?

Librarian Subject Specialist: Phoebe Ayars payers@ucdavis.edu (530) 752-9048 http://people.lib.ucdavis.edu/psa
Recommend a Purchase for the PSE Library
Request a Library Instruction Class

Articles

ACM Digital Library
A searchable index to Association for Computing Machinery articles and conference proceedings, and selected affiliated organizations, with links to the full-text articles and conference papers. Coverage: 1954 – present for Journals and Magazines, 1985 – present for Proceedings. (available to UCD only)

CiteSeer
A scientific literature digital library that aims to improve the dissemination and feedback of scientific literature. It indexes Postscript and PDF research articles on the Web primarily in the area of Computer Science/Engineering.

Digital Bibliography & Library Project
The DBLP server provides bibliographic information on major computer science journals and proceedings. Initially the server was focused on Database systems and Logic Programming (DBLP); gradually being expanded toward other fields of computer science.
Use UC eLinks to get the full text or see if we own the journal in print.
Welcome to the Computing Research Repository

Welcome to the Computing Research Repository (CoRR), sponsored by ACM, the arXiv.org ePrint archive, NCSTRL (Networked Computer Science Technical Reference Library), and AAAI. CoRR allows researchers to search, browse and download papers through its online repository. CoRR is available to all members of the community at no charge.

Please feel free to explore the site and features. Help links and general information about CoRR are provided on the left panel, and key features (Advanced Search/Browse, Submit, Subscribe, Preferences) are above. We welcome constructive comments and suggestions.

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View Listings

Computing Research Repository (CoRR): new, recent, abs, find

QA [CS + Math] books are in Shields Library

TK [Computer Engineering] Books are in PSE
Getting stuff
New CS books - incld Safari and LCNS

*Handbook of real-time and embedded systems* / edited by In sup Lee, Joseph Y-T. Leung, Sang H. Son.
1 v. (various pagings) : ill. ; 27 cm. ( Chapman & Hall/CRC computer and information science series )

*Reactive systems : modelling, specification and verification* / Luca Aceto ... [et al.].
xvi, 384 p. : ill. ; 26 cm.

*Effective software maintenance and evolution : a reuse-based approach* / Stanislav Jarzabe k.

*OpenGL programming guide : the official guide to learning OpenGL, version 2.1 / OpenGL Architecture*

*Linux system programming / Robert Love.*
Linux system programming / Robert Love. -- Beijing ; Cambridge : O'Reilly, c2007. xvi, 368 p. : ill. ; 24 cm.

*Large-scale kernel machines / [edited by] Léon Bottou ... [et al.].*
xii, 396 p. : ill. ; 26 cm. ( Neural information processing series )

*Cluster analysis for data mining and system identification* / János Abonyi, Balázs Feli.
Cluster analysis for data mining and system identification / János Abonyi, Balázs Feli. -- Basel ; Boston : Birkhäuser, c2007. xvi, 303 p. : ill. ; 24 cm.

*Innovations in intelligent machines--1 / Javanan Singh Chahl ... [et al.] (eds.).*
xii, 270 p. ; ill. ; 24 cm. ( Studies in computational intelligence, 1860-949X ; 70 )

*Eye tracking methodology : theory and practice / Andrew Duchowski.*
Eye tracking methodology : theory and practice / Andrew Duchowski. -- London : Springer, c2007. xvi, 328 p. ; ill. ; 24 cm.

*A practical guide to data structures and algorithms using Java / Sally Goldman, Kenneth Goldman.*

*Trust, complexity and control : confidence in a convergent world / Piotr Cofta.*
Trust, complexity and control : confidence in a convergent world / Piotr Cofta. -- Chichester, England : John Wiley, c2007. xvi, 294 p. ; ill. ; 25 cm.
Organizing stuff

- Database alerts
- Folders in ACM
- Zotero
- Managing citations with Endnote/BibTeX tools
- Who cites who? [web of science, g-scholar, citeseer]
- Make sure you keep: citation information, abstract, why it was interesting
- Organize according to project/topic/??
Contact a librarian for help

- Contact me: Phoebe Ayers
  - psayers@ucdavis.edu
  - 752-9948
  - or IM: phoebeayers@ gmail / yahoo / AIM

- Or come to the PSE reference desk
  - Email: pse@ucdavis.edu