Guide to the Stanford University, Department of Computer Science, Records

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Stanford University. Libraries. Department of Special Collections and University Archives
Stanford, California
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Note
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Overview
Call Number: SC0394
Creator: Stanford University. Computer Science Department.
Title: Stanford University, Department of Computer Science, records
Dates: 1968-2007
Physical Description: 3.75 Linear feet
Summary: Reports and memoranda concerning departmental rap sessions, 1968-69; memoranda, reports, diagrams, papers, and other materials, 1976-1981, pertaining to development of the SUN workstation, a network-based personal computer system designed at Stanford University; report on the Department, 1970; listing of personnel (staff, faculty, and students), 1971; files of Carolyn Tajnai, Director of the Stanford Computer Form, pertaining to Silicon Valley history and F. E. Terman, 1963-2007; class materials (syllabi, handouts, exams), 1962-84; reports on research in the department, 1967-69; Stanford Artificial Intelligence Laboratory Operating Notes, numbers 1-70 (incomplete set); "The Future of Computer Science at Stanford," by Forsythe, Herriot, and Miller, Feb. 1967; and Robert Floyd "Notes toward a revised formula ALGOL," 1966.

Language(s): The materials are in English.

Repository: Department of Special Collections and University Archives
Green Library
557 Escondido Mall
Stanford, CA 94305-6064
Email: specialcollections@stanford.edu
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URL: http://library.stanford.edu/spc

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Cite As
Stanford University, Department of Computer Science, Records (SC0394). Department of Special Collections and University Archives, Stanford University Libraries, Stanford, Calif.

Associated Materials
Twenty buttons from the Stanford Computer Forum are classed as AM 2008-013 in the Stanford University Archives Museum Collection.

Biographical/Historical note
The Department of Computer Science was established in 1965.

Description of the Collection
Reports and memoranda concerning departmental rap sessions, 1968-69; memoranda, reports, diagrams, papers, and other materials, 1976-1981, pertaining to development of the SUN workstation, a network-based personal computer system designed at Stanford University; report on the Department, 1970; listing of personnel (staff, faculty, and students), 1971; files of Carolyn Tajnai, Director of the Stanford Computer Form, pertaining to Silicon Valley history and F. E. Terman, 1963-2007; class materials (syllabi, handouts, exams), 1962-84; reports on research in the department, 1967-69; Stanford Artificial Intelligence Laboratory Operating Notes, numbers 1-70 (incomplete set); "The Future of Computer Science at Stanford," by Forsythe, Herriot, and Miller, Feb. 1967; and Robert Floyd "Notes toward a revised formula ALGOL," 1966.

Access Terms
Floyd, Robert W.
Forsythe, George E., (George Elmer), 1917-1972.
Stanford University. Computer Science Department.
Tajnai, Carolyn.
Computer networks.
Ethernet (Local area network system).
Microcomputer workstations.

**Original accession**

**Scope and Content Note**

Box 1 of the collection contains several different accessions. The first, accession number 1986-070, consists of reports and memoranda regarding departmental rap sessions, 1968-1969, which largely dealt with internal issues. The second accession, number 1990-186, concerns the development of the SUN workstation, a network-based personal computer system, and includes memoranda, reports, diagrams, papers, and other materials dating from 1976 to 1981. This accession was received as a notebook; the items have been removed and placed in folders, maintaining the original order. The third accession, number 1991-049, consists of two items that were part of a larger accession received from the Physics Library.

Box 2 contains accession 2008-105, which appears to have been the files of Carolyn Tajnai, Director of the Stanford Computer Forum, and pertains to Silicon Valley history and F. E. Terman. Five boxes from accession 1999-102 were added to the collection in January 2010. They include class materials (syllabi, handouts, exams), 1962-84; reports on research in the department, 1967-69; Stanford Artificial Intelligence Laboratory Operating Notes, numbers 1-70 (incomplete set); "The Future of Computer Science at Stanford," by Forsythe, Herriot, and Miller, Feb. 1967; and Robert Floyd "Notes toward a revised formula ALGOL," 1966.

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**Box 1, Folder 1**

**Box 1, Folder 2**
SUN WorkStation Hardware Projects: introductory material
File: pman, 1981

**Box 1, Folder 4**
File: strm, 1981

**Box 1, Folder 5**
File: pupser.doc, 1981

**Box 1, Folder 6**
File: ARPA [SUN, AVB], 1981

**Box 1, Folder 7**
Data Link Layer Ethernet Interface, Overview and User Manual, 1980

**Box 1, Folder 8**
The SUN WorkStation Hardware Overview

**Box 1, Folder 9**
Network Graphics

**Box 1, Folder 10**
SUN seminar information and minutes, 1980

**Box 1, Folder 11**
Trix Notes, 1980

**Box 1, Folder 12**

**Box 1, Folder 13**
ARPA proposal

**Box 1, Folder 14**
SUN diagrams, 1980

**Box 1, Folder 15**
Press release, 1980

**Box 1, Folder 16**

**Box 1, Folder 17**

**Box 1, Folder 18**

**Box 1, Folder 19**

**Box 1, Folder 20**

**Box 1, Folder 21**
Memory Sharing in a Distributed Processing Environment, 1980. A report by Jeffrey Mogul.

**Box 1, Folder 22**
Box 1, Folder 23  Uniform Access to Resources in Perseus, 1981
Box 1, Folder 24  Report on Computer Science Department (memo from G.E. Forsythe to Computer Science Advisory Committee), 1970
Box 1, Folder 25  Personnel listing, 1971 (printout of file S623.PERSONNEL)
Box 1, Folder 26  ACME Notes, 1970-72
Box 2, Folder 1  Caddes, Carolyn, correspondence re her book Portraits of Success, 1985
Box 2, Folder 2  Computer Forum, correspondence of Carolyn Tajnai, 1982-97
Box 2, Folder 3  Computer Forum trivia
Box 2, Folder 4  Photographs, mostly of F.E. Terman with 2 regarding the Varian brothers and their company (most of these are prints of Stanford News Service images)
Box 2, Folder 5  Research Park, clippings 1986-88
Box 2, Folder 6  SITN – outline of a talk by Kenneth S. Down, 1982, and articles and clippings, 1977-83
Box 2, Folder 7  Tajnai, Carolyn, "Carolyn Tajnai’s Introduction to Computing," ca. 1990
Box 2, Folder 8  Tajnai, Carolyn, "Fred Terman, the Father of Silicon Valley," 1984-85
Box 2, Folder 9  Tajnai, Carolyn, two papers on Stanford and Silicon Valley, 1997, 2007
Box 2, Folder 10 Tajnai, Carolyn, notes
Box 2, Folder 11 Text of talks by F. E. Terman (photocopies), 1962-73
Box 2, Folder 12 Terman, F. E., articles, clippings, etc., 1963-84
Box 2, Folder 13 Materials on the history of Silicon Valley, 1974-93
Box 2, Folder 14 Magazine sources on the history of Silicon Valley

Accession ARCH-1999-102 Additional material

Course materials
Box 1, Folder 1  CS 5 course materials, 1962-64
Box 1, Folder 2  Notes for CS 136 and CS 5 by John G. Herriot, Sept. 1964
Box 1, Folder 3  CS 5 course materials, Autumn 1965
Box 1, Folder 4  CS 5 course materials, Winter, Spring and Autumn 1966
Box 1, Folder 5  Notes for CS 136 and CS 5 by John G. Herriot, Sept. 1966
Box 1, Folder 6  CS 136 / CS 5 course materials, Spring 1967
Box 1, Folder 7  CS 5, Exams, 1963-65
Box 1, Folder 8  CS 5, Exams, 1966-67
Box 1, Folder 9  CS 5, Exams, 1968-70
Box 1, Folder 10 CS 6, Exams, 1966
Box 1, Folder 11 CS 6, Exams, 1968
Box 1, Folder 12 CS 101 Readings, 1975
Box 1, Folder 13 CS 101 Computers: Their Nature, Use, and Impact, student papers [no photocopies allowed], spring 1978
Box 1, Folder 14 CS 104, syllabus and assignments, Autumn 1971
Box 1, Folder 15 CS 105 exams, 1970-71
Box 1, Folder 16 CS 126 Class notes, September 1966
Box 1, Folder 17 CS 126, Exams, 1965
Box 2, Folder 1 CS 126/136, Exams, 1969-70
Box 2, Folder 2 Information on Stanford’s Systems and Languages: Notes for CS 135, Jan. 1973
Box 2, Folder 3 CS 139 course materials, 1964
Box 2, Folder 4 CS 139 course materials, 1966-67
Box 2, Folder 5 CS 139 course materials, 1970
Box 2, Folder 6 CS 139 exams, 1964-70
Box 2, Folder 7 CS 142 class notes, Prof. Gio Wiederhold, Fall 1978 (1 of 2)
Box 2, Folder 8 CS 142 class notes, Prof. Gio Wiederhold, Fall 1978 (2 of 2)
Box 2, Folder 9 CS 142 / EE 285 class notes, winter 1982
Box 2, Folder 10 CS 146 / EE 246 handouts, Fall 1982
Box 2, Folder 11 CS 146 / EE 286 handouts, Winter 1984
Box 2, Folder 12 Readings in Artificial Intelligence, CS/Psych 224, Spring 1975
Box 3, Folder 1 CS 231 course materials, 1965-67
Box 3, Folder 2 CS 237 course materials, 1963-71
Box 3, Folder 3 CS 237 exams, 1962-63
Box 3, Folder 4 CS/Linguistics 266, class notes, Winter 1980
Box 3, Folder 5  CS 343 / EE 483 class notes, spring 1981
Box 3, Folder 6  EE/CS 701 answers to homework undated
Box 3, Folder 7  Math 44 Homework Solutions 1984
Box 3, Folder 8  Math 116 solutions to assignments undated
Box 3, Folder 9  Math 130 Homework Solutions Winter 1984
Box 3, Folder 10 Math 232A Notes Autumn 1980
Box 3, Folder 11 Statistics 110 Past Exams 1964-65

Dept. materials
Box 3, Folder 12 The Future of Computer Science at Stanford, prepared by Forsythe, Herriot, and Miller, Feb. 1, 1967
Box 3, Folder 13 Research in the Computer Science Department Stanford University 1967
Box 3, Folder 14 Research in the Computer Science Department Stanford University April 26, 1968
(with remarks to the CS Advisory Committee by G. Forsythe, April 26, 1968)
Box 3, Folder 15 Research in the Computer Science Department Stanford University, April 21, 1969
Box 3, Folder 16 Artificial Intelligence Project memos, list of, ca. 1968
Box 4, Folder 1 Binder 1: Stanford Artificial Intelligence Laboratory Operating Notes #1 - #28
Box 4, Folder 2 Binder 2: Stanford Artificial Intelligence Laboratory Operating Notes #29 - #53
Box 4, Folder 3 Binder 3: Stanford Artificial Intelligence Laboratory Operating Notes #54 - #70
[incomplete]
Box 4, Folder 4 Computer Printout: Computer Science Library. Index to Uncatalogued Materials, 1967
Box 4, Folder 5 Computer Printout: Computer Science Library. Index to Uncatalogued Materials, 1969
Box 5, Folder 2 George Forsythe, Numerical Analysis and Computer Science in Certain European and Soviet Centers, 26 July 1967
Box 5, Folder 3 Robert Floyd, "Notes toward a revised formula ALGOL," July 6, 1966
Box 5, Folder 4 ISIS Demo [edited record for a hypothetical ISIS/0 usage session] 1970