

11/15/22

Engineering

Computer Science

Michael Faiman Papers, 1958-2001

Box 1: Biographical - SIGSCE Bulletin, 1958-2001

Biographical

Recommendation for promotion in academic rank, 1969

Correspondence with Dr. Kaisary, 1993

Alphabetical Subject File

Alpha Software Corporation, Correspondence, 1985, 1988

Association of Computing Machinery (ACM), Advanced Micro Devices (AMD), ACIS
Conference Correspondence, 1985-87

Computer Science Accreditation Board (CSAB)

General correspondence, Notes, 1992

Outgoing Correspondence, 1989-1995

Computer Science Accreditation Committee (CSAC)

Annual Action Meeting, 1998

Drexel University, 1998

Computer Science, Department of, (2 folders)

The Department of Computer Science Handbook, ca. 1968

MS and MCS Revision Proposal, 1987

Proposal for BS in Computer Science, 1993

Proposal for five-year BS-MS/MCS degree program, 1999

Joint MCS/MBA program proposal, 1994-95

Summary of proposals for changing CS curriculum to meet CAC accreditation requirements, 2001

Computing Research Association-Forsythe List

CRA-Forsythe List of Ph.D. Granting CS and CE Departments, 1993

DeVry University, Comparison of Curriculum with Specifications for Lucent Inc.'s
Technical Staff, with Steve Franke, 2000

EXCEL : Experiments in Computer Electronics and Logic - A logic design laboratory
manual for CS 265, Third Edition, 1974

Exchange Program/Barcelona

Handbooks, Guidebooks, correspondence, 1993

Fulbright-Latin American Scholarship Program of American Universities (LASPAU)

Fulbright-LASPAU Handbook, 1987

Correspondence related to Fulbright scholar Ashley Taylor, 1987

Grad College, 1986, 1988, 1998, 2001

ILLIAC II report for Poppelbaum book

ISSS

Classnotes, Summer 1991

Classnotes, Summer 1993

Illinois Junior Engineering Technical Society (JETS) (2 folders)

- Schedules, exams, tests, correspondence with Jonathan N. Horner, State Coordinator, 1985-87,
- Schedules, correspondence with David L. Powell, State Director, 1991
- Minority Introduction to Engineering (MITE), correspondence, schedules, 1992
- Correspondence, schedules, 1993, 94, 95
- Medical Information Systems (2 folders)
 - Fifth Illinois Conference, 1979
 - Basic programs, transparencies
 - Sixth Illinois Conference, 1980
 - Microcomputers for Physicians, a pre-conference tutorial and laboratory, session notes and handouts
- Melatonin and Jet Lag
 - Jane Brody's article, 1997
- Midwestern Universities Consortium for International Activities (MUCIA), 1986-87
- Muroga, S.,
 - "Curriculum and Donations," September 1986
- National Science Foundation (NSF) Proposals, (2 folders)
 - "NSF Graduate Research Traineeship in Computational Science and Engineering," correspondence related to rejected proposal, 1992
 - "NSF Graduate Research Traineeship in Computational Science and Engineering," correspondence related to accepted proposal, 1994
- Off-campus Programs/Continuing education
 - Correspondence with Dr. Wai-Kai Chen, University of Illinois at Chicago, 1986
 - Extramural Courses at UIUC, a handbook for continuing education, spring 1987
 - Graduate degree program proposal, 1987-88
 - MS degree program in CS at AT&T - Naperville, 1987-88
 - CS Graduate Program at Gould Electronics, 1985-87
- Patent - Ofek Invention, 1989-90
 - Correspondence with Dillion Mapother, Sitrick & Sitrick Attorneys, Yoram Ofek, Unites States Patent papers
- Project reports (3 folders)
 - "A New Class of Digital Division Methods," James E. Robertson, 1958
 - "The Arithmetic Unit," David J. Wheeler, 1959
 - "Theory of Computer Arithmetic employed in the Design of the New Computer at the University of Illinois," James E. Robertson, 1960
 - "Order Code for the New Illinois Computer," D.B. Giles, M.S. Levin, 1962
 - "Interplay," C. Wallace, 1962
 - "Three New Mersenne Primes, and a Conjecture," Donald B. Giles, 1963
 - "Report on Shugart Floppy-disk"
 - "MUMS floppy disk Interface"
 - "MUMS 8085 CPU Interface"
 - "A 2716 Programmer for the Modular Microprocessor system," Gary B. Gostin
 - "MUMS: A Modular Unified Microprocessor System," Robert W. Catlin, 1976

“MUMS - A Reconfigurable Microprocessor Architecture,” M. Faiman, A.C. Weaver, R.W. Catlin, 1977
 “A Color Display System Using a Disk for MUMS,” Izumi Suwa, 1977
 “Dynamic RAM Project,” David Hayner, 1978
 Publishing Companies, Faxes to, 1994-97
 Irwin/McGraw Hill, Addison-Wesley
 Purchase Orders, 1971
 Books, furniture, integrated circuits, lead sockets, tool kits, specific computer parts
 Ray, Sylvian R.
 “Early Computer Development at UIUC”
 Research papers
 Michael Faiman, 1966-81
 With G. J. Murakmai, R.H. Campbell, 1989, 1990
 With Balasubramaniam Rajagopalan, 1991
 Retreat, Department of Computer Science, 1995
 Summary and recommendations
 “Some Thoughts on the Role of Hardware in CS Education,” SIGSCE Bulletin, 1974

Box 2: Student Files - CS 105, 1973-2000

Student Files (RESTRICTED: Access only with permission of the University Archivist, and for living students, also only with written approval of the student.)

Doctoral Committees,
 Certificates of Result of Final Examination, 1994-99
 David Jarosh
 Correspondence: David Jarosh, Saburo Muroga, David Olien, James ‘Pate’ Philip, Minority Leader, 1986
 Qualifying Examinations, 1996-2000 (6 folders)
 Committees, exam statements, academic history, dates, schedules, exam result letters
 Rajagopalan, Balasubramaniam (2 folders)
 Letters of reference, 1991-92
 Travel vouchers, 1989-91
 Journal and conference papers with M. Faiman, 1990-91
 Recommendation, Letters of, (4 folders)
 Apostolas Dollas, 1986
 General, 1986-88
 Ran Liebeskind-Hadas, 1992-93
 Yoram Ofek, 1987, 1993
 Lawrence Rauchwerger, 1995,
 Ami Silberman, 1993
 Steve Skiena, 1987-88

Dan Sturman, 1996

Bill Walker, 1994

End of restricted materials.

Theses (3 folders)

“A Communications Unit for a Multi-Microprocessor Network,” Gary Kujawinski, 1977

“The Topology, Algorithms and Analysis of a Synchronous Optical Hypergraph Architecture,” Yoram Ofek, 1987

“A New Responsive Distributed Shortest-path Routing Algorithm,” Balasubramaniam Rajagopalan, and Michael Faiman, 1989

Cross referenced in Box 5 (oversize) (2 folders)

Jerry Fiscus, Circuit Board Diagram from thesis (Myler encapsulated), 1972-73

Estilita Thesis, 1972

Negatives and photographs of circuits

Torellas, Joseph, 1995

Toshiba T 1000 documents

Unit care documents, purchase documents, 1988

Course Materials

CS 100 - Orientation for Computer Science Freshmen

Correspondence with guest lecturers, Fall 1993

Syllabus, end-of-term questionnaire, Invited lecturer Thomas A. DeFanti, Fall 1994

Introductory lecture by Faiman, Fall 1995

CS 101,

Fall 1973

Class notes, transparencies, Machine Problems, exams

CS 105

Spring 1992 (4 folders)

Course packet, lecture notes, exams, hour exams, Machine Problems

Box 3: CS 105 - CS 231, 1990-99

CS 105

Fall 1993 (3 folders)

Correspondence related to making class notes, letter to Associate Vice Chancellor Roger Martin regarding Psychology 100 conflict exam, class notes and handouts, midterm and final exams, Machine Problems

Spring 1996

Course info sheet, Machine Problems

CS 231 - Computer Architecture

Spring 1990

Class notes and handouts, exams and solutions, Machine Problems, homework problems

Fall 1991 (2 folders)

Class notes and handouts, exam solutions, Machine Problems and homework problems solutions, grades and cut-offs

Fall 1992 (2 folders)

Lecture notes, exams, Machine Problems, homework problems and solutions

Summer 1993 (2 folders)

Correspondence with Addison-Wesley about permission to reproduce, class notes and handouts, exams, Machine problems, homework

Spring 1994

Syllabus, Exams, Machine problems, homework problems, exam questionnaire filled by students

Fall 1994

Exams, Machine problems, homework problems

Spring 1995

Course packet, exams, Machine Problems

Summer 1995

Some class notes, exams, Machine Problems

Fall 1995

Course packet, exams, Machine Problems, homework problems

Summer 1996

Course Packet, exams, Machine Problems, homework problems

Fall 1996

Some notes, exams, Machine Problems

Fall 1997

Chapter 4 of Logic Works Manual from Addison-Wesley Longman Publishers, exams with solutions

Spring 1998

Chapter 4 of Logic Works Manual from Addison-Wesley Longman Publishers, Lecture notes, exams and machine problems

Spring 1999

Lecture notes, exams, test analysis and questionnaire packet, exam score distribution statistics

Box 4: CS 231 -ECE 311,1982-2001

CS 231

Spring 2001 (2 folders)

Lecture notes, transparencies

CS 264 - Introduction to the Structure and Logic of Digital Computers

- Spring 1986 (2 folders)
 - Introduction, course notes and handouts, exams, practice problems, homework problems
- CS 265
 - Spring 1986
 - Faiman-Lursinsap notes, Machine Problems
- CS 281 - Introduction to Computer Circuits
 - Fall 1986
 - Class notes, exams, home work problems
 - Fall 1989 (2 folders)
 - Course packet, class notes, transparencies, exams, homework problems
- CS 282 - Lab with 281
 - Summer 1982
 - Laboratory Manual by W. J. Kubitz, S. R. Ray
 - Fall 1986
 - Introduction to course
- CS 290/490/499 - Thesis units
 - Letters and approvals, advisor agreement forms, 1983-99
- CS 296
 - Spring 2001, Project Reports
 - “Floating Point Calculator Circuit Design Project,” Drew Hylbert and Jon Proesel
 - “Smart Card Technology,” Stanley Young
 - “History of Intel’s Microprocessors,” Derek Dagit, Mike McKelvey
 - “NVIDIA’s GeForce3 Graphics Processing Unit: An Investigation,” Jerry Talton
 - “Quantum Computing,” Xin Li, Devin Mullins
 - “Computer Architecture on the Physical Level,” Joshua Paul, Max Vilenchik
 - “Elevator Control Design Project,” Adam Feil, Kevin Price
- CS 318 - Computer Graphics
 - Summer 1994
 - Course packet, exams, homework problems
- CS 331 (AT & T)
 - Summer 1989
 - Handouts, exams, homework problems
- CS 333
 - Fall 1998
 - Midterm conflict exam, final exam
- CS 338 - Communication Networks for Computers
 - Spring 1991
 - Class notes, exams, homework problems, grade distribution
 - Summer 1991

Class notes, exams, homework problems
Spring 1993 (3 folders)

Class notes, transparencies, handouts, exams, homework problems

ECE 311

Xilinx Design, product description, 1994

Box 5: (Oversize Flat Box, 21 x 17 x 1.5 inches) Circuit Diagrams, 1961-73

Circuit Diagrams

“Delayed Control,” C.E. Carter, 1961-63

“Delayed Control,” Michael Faiman, 1961-62

“All - Advanced Control,” Michael Faiman, 1962-63

Cross reference from Box 2 (2 folders)

Jerry Fiscus, Circuit Board Diagram on transparencies, from thesis (Myler encapsulated), 1972-73