

RESUME

January 1976

NAME: Fred Maryanski

ADDRESS: 3064 Tamarak Drive  
Manhattan, KS 66502

POSITION: Assistant Professor  
Department of Computer Science  
Kansas State University  
Manhattan, Kansas 66506

TELEPHONE: Office (913) 532-6350 Home (913) 539-2414

EDUCATION: 1968 BS Mathematics Providence College  
1972 MS Computer Science Stevens Institute of Technology  
1974 PhD Computer Science University of Connecticut

PROFESSIONAL  
EXPERIENCE:

Employment

1974 - Present Current Position  
1973 - 1974 Instructor, University of Connecticut  
1971 - 1973 Graduate Teaching Assistant  
Computer Science, University of Connecticut  
1968 - 1971 Member Information Systems Staff, Western Electric Co.

Consultant

1974 - Unified Industries, Alexandria, Va.

Grants

Unified Industries, Diagnostic Programs for NOVA Computer 1974 (\$18,922)  
U.S. Army Computer Systems Command, Feasibility of Back-end Mini-  
computers, 1975, (\$29,512). Grant No. DAHCO4-75-G-0137.  
Bureau of General Research, KSU, Automata Synthesis of Mathematical  
Models for MYOSIS Studies in Past Genetics, 1975 (\$3,150).

PROFESSIONAL  
ACTIVITIES:

Association for Computing Machinery (SIGMINI)  
IEEE Computer Society  
Reviewer for IEEE Transactions on Computers  
Reviewer for ACM Forsythe Student Paper Competition

RESEARCH  
FIELD:

Systems Modelling and Simulation  
Data Base Management  
Probabilistic Grammars and Automata  
Grammatical Inference

PERSONAL

DATA: Date of Birth - July 21, 1946  
Marital Status - Married  
Family - one child  
Citizenship - U.S.

- PUBLICATIONS:
- F. J. Maryanski, and T. L. Booth, Estimation Automata for Stochastic Sequential Machines, 7th Princeton Conference on Information Science and Systems, pp. 268-272, 1973.
  - F. J. Maryanski, Inference of Probabilistic Grammars, Technical Report CS-74-9, Dept. of Electrical Engineering Computer Science, University of Connecticut, Storrs, Connecticut, 1974.
  - F. J. Maryanski, and T. L. Booth, Inference of Probabilistic Context-free Grammars, Proc. 8th Hawaii International Conference on System Sciences, 1975.
  - F. J. Maryanski, and T. L. Booth, Inference of Finite-State Probabilistic Grammars, IEEE Transactions on Computers, Revised version in preparation.
  - D. J. Codespoti, and F. J. Maryanski, Distributing Operating System Functions to Microprocessors, 8th AICA Congress on Simulation of Systems, 1976.

NAME: Linda G. Shapiro

ADDRESS: 2206 Timbercreek Dr.  
Manhattan, Kansas 66502

POSITION: Assistant Professor  
Department of Computer Science  
Kansas State University  
Manhattan, Kansas 66506

TELEPHONE: Office (913) 532-6350 Home 776-6135

EDUCATION: 1970 BS Mathematics and Computer Science, University  
of Illinois at Urbana-Champaign  
1972 MS Computer Science University of Iowa  
1974 PhD Computer Science University of Iowa

PROFESSIONAL  
EXPERIENCE:

Employment

1974 - Present Current Position  
1970 - 1974 Teaching Research Fellow, University  
of Iowa  
1969 - 1970 Programmer, Statistical Tabulating  
Corp., Chicago, Illinois (summers)  
1968 - 1970 Student Consultant, Digital Computer  
Laboratory, University of Illinois  
at Urbana-Champaign

Positions

1973 - 1974 Vice President, Student Chapter ACM,  
University of Iowa

Conferee

1973 Computer Science Conference, Columbus, Ohio  
1973 3IJCAI, Stanford University  
1974 Computer Science, Detroit, Michigan; Lecturer -  
"A Graphics Extension to SNOBOL4 for Recogni-  
tion and Manipulation of Line Drawings"  
1975 Presented paper "ESP<sup>3</sup>: A High Level Graphics  
Language" at Second Annual Conference on Com-  
puter Graphics

Courses Taught

Introduction to Computer Science  
Data Structures  
Programming Languages

Operating Systems  
Computer Organiza-  
tion on Programming

RESEARCH

FIELD: Picture Analysis  
Programming Languages

Graphics  
Pattern Recognition

PERSONAL

DATA: Date of Birth: June 10, 1949  
Marital Status: Single  
Citizenship: United States

PUBLICATIONS:

"ARTIST: An Experiment in Picture Creation Using Natural Language Input", Department of Computer Science Technical Report No. 73-02, University of Iowa, March 1973.

"Graph Processing Using GROPE/360," Department of Computer Science Technical Report No. 73-13, University of Iowa; Daniel P. Friedman, Indiana University; and Jonathon Slocum, The University of Texas at Austin.

"ESP<sup>3</sup>: A Language for the Generation, Recognition, and Manipulation of Line Drawings" (Ph.D. thesis), Department of Computer Science Technical Report NO. 74-04, University of Iowa, August 1974.

"ESP<sup>3</sup>: A High-Level Graphics Language," Proceedings of the Second Annual Conference on Computer Graphics, June 1975.

## RESUME

JULY 1975

NAME: Elizabeth A. Unger

ADDRESS: 3009 Wayne Drive  
Manhattan, Kansas 66502POSITION: Assistant Professor  
Department of Computer Science  
Kansas State University  
Manhattan, Kansas 66506

TELEPHONE: Office (913) 532-6350 Home (913) 539-6549

EDUCATION: 1961 BS Mechanical Engineering Michigan State  
University  
1963 MS Mathematics Michigan State UniversityPROFESSIONAL  
EXPERIENCE:EMPLOYMENT

1974 - Present Current Position  
 1970 - 1974 Associate Director KSU Computing Center  
 1967 - 1970 Assistant Director KSU Computing Center  
 1966 - 1967 Chief Programmer KSU Computing Center  
 1963 - 1966 Manager, User Services, Computing  
 Laboratory, Michigan State University  
 1961 - 1962 Graduate Assistant, Computing Laboratory,  
 Michigan State University  
 1959 - 1961 IBM Applied Science Representative,  
 Lansing, Michigan  
 1957 - 1959 Laboratory Assistant, Michigan State  
 University

REVIEWER

## ACM

Information Retrieval and Computer  
 Center Management  
 1973 - 1974 Faculty Senate  
 1973 - 1974 Academic Affairs Committee  
 1969 - 1970 University Digital Computer Committee  
 1969 Alumni Board of Directors, College of  
 Engineering, Michigan State University  
 1967 - 1973 Committee for Higher Education in  
 Computing in Kansas

AWARDS

1970

Distinguished Alumni Award, Michigan  
State University

HONORARY  
PROFESSIONAL  
SOCIETIES:

American Society for Mechanical Engineers  
Association for Computing Machinery  
Tau Beta Pi  
Phi Kappa Phi  
Pi Tau Sigma  
Pi Mu Epsilon  
Mortar Board  
Sigma Xi

RESEARCH  
FIELDS:

Programming Languages  
Information Retrieval Systems for Behavioral Science  
Computer Libraries

PERSONAL  
DATA:

Date of Birth: May 23, 1939  
Marital Status: Married (Nea Buschlen) 1 son,  
2 daughters  
Citizenship: USA

PUBLICATIONS:

CIPRA, J.E., UNGER, E.A. and BIDWELL, O.W., "A  
Computer Program to 'Key-out' World Soils," Soil  
Science, September 1969.

DANSKIN, DAVID G., UNGER, E.A. and KENNEDY, CARROLL E.,  
Adapting the Computer for Narrative Material: A  
Progress Report, Journal of Counseling Psychology,  
17, pp 63-66, 1970.

RESUME

JULY 1975

NAME: Edwin W. Basham  
ADDRESS: 1920 Bluestem Trail  
Manhattan, Kansas 66502  
POSITION: FACULTY  
Department of Computer Science  
Kansas State University  
Manhattan, Kansas 66506  
TELEPHONE: Office (913) 532-6350 Home (913) 532-1485

EDUCATION: 1946 BS Military Science-USMA  
1958 MS Electrical Engineering-Georgia Tech  
1971 Computer Science-American University  
1974 Computer Science KSU

PROFESSIONAL  
EXPERIENCE:

EMPLOYMENT

1975 - present KSU  
1973 - 1975 Professor of Military Science - KSU  
1969 - 1973 Director Computer Center U.S. Army,  
Falls Church, VA  
1968 - 1969 Director, Data Service Center, U.S.  
Army Vietnam  
1964 - 1969 Staff Officer Management Information  
Systems, U.S. Army Pentagon  
1946 - 1964 Artillery Officer Staff and Command  
Positions, U.S. Army

CONFEREE

1973 Data Systems, DOD, Washington D.C.  
1972 Time Share System RCA, Washington D.C.  
1971 ADP Management AMA, New York, N.Y.  
1970 Army Data System USACSC, Washington D.C.  
1969 Systems Analysis Techniques CSC  
Washington D.C.

TEACHING EXPERIENCE

1951 - 1953 Instructor, repair and maintenance of  
electronic weather equipment, Ft. Sill,  
OK  
1958 - 1961 Instructor, Ballistic Meteorology  
Ft. Sill, OK  
1959 - 1959 Instructor, Mathematics, Carmeron  
College, Lawton, OK  
1973 - 1975 Professor of Military Science, Kansas  
State University, Manhattan, KS

MILITARY SERVICE

1946 - 1975 U.S. Army  
Specialty: Artillery Ballistic Meteorology,  
Data Processing  
Highest Rank: Colonel  
Type Discharge: Retired

HONORARY  
PROFESSIONAL  
SOCIETIES:

DPMA (Charter Member) Falls Church, VA 1973  
Rotary International, Manhattan, KS

RESEARCH  
FIELD:

ADPS Management  
Software Engineering  
System Evaluation

PERSONAL DATA:

Date of Birth: August 9, 1921  
Marital Status: Married - Mary L. Schoriee  
Family: 3 sons, 1 daughter  
Hobbies: Ham, former K4EEN, photography, gardening,  
geneology, Military History

PUBLICATIONS:

Artillery Meteorology	Arty Trends	USAAS	1961
The 175 mm Gun	Arty Trends	USAAS	1964