

Industry specific software listed for organizations

Organizations with software available for manufacturing applications may be listed free in the *1984 Handbook of Manufacturing Software*, published by the SEAI Institute. The handbook, which will be published in the fall, reviews the fundamentals of computer technology and presents about 1500 software programs

Each program is described with information on cost, computer compatibility and availability. Programs for use on

mainframes, minicomputers and microcomputers are also listed.

The industry specific software is classified for the food, metals, textile, plastics, electronics, and other industries. Also included are computer applications for robotics, machine vision, voice technologies and artificial intelligence.

To list applications in the handbook, contact Terri C. Sigman, Editor, SEAI Institute, Box 590, Madison, GA 30650.

Forth interest group emphasizes member service

The Forth Interest Group is emphasizing member services as one of its prime objectives. FIG services include publication of *Forth Dimensions*, a magazine for members; the FIG-Tree, an on-line computer database; various Forth manuals and other publications; the Job Registry; conferences; a user library; membership directory; speaker bureau; catalog of Forth software; and educational tapes.

The Sixth Annual Forth Convention and Banquet will be held on November

16-17, 1984, at the Hyatt Palo Alto in Palo Alto, California.

For further information on the convention, including special room rates at the Hyatt Palo Alto and reservation of exhibitors space, call the FIG hot line (415) 962-8653, or write the Forth Interest Group, PO Box 1105, San Carlos, CA 94070.

The Forth Interest Group is a worldwide non-profit organization of over 4700 members and 53 chapters devoted to the Forth computer language.

ANS committee considers documentation standards

The American National Standards Committee urges new members to join the X3K1 committee initiative in developing documentation standards. At their March meeting X3K1 recognized the need for documentation tailored to the requirements of specialized computer projects involving micro/minicomputers and interactive maxi computers.

X3K1 will next consider the development of additional American National Standards in areas such as project initiation, menu formats, change control, technical documentation, and program maintenance.

X3K1's work will include international standardization activities as well as domestic standards development. The committee participates in international standardization efforts on basic constraints for computer programs, program quality considerations and system development.

For more information, contact Mike Landes, Computer Sciences Corporation, 400 Army-Navy Drive, Arlington, VA 22202; (703) 237-2000 x6885.

Classified Ads

RATES: \$4 per line, \$40 minimum charge (up to ten lines). Average six typeset words per line, nine lines per column inch. Add \$4 for box number. Send copy at least six weeks prior to month of publication to: **Don Farnsworth, Classified Advertising, IEEE SOFTWARE Magazine, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.**

GROWTH POSITIONS: \$25-50,000 + . 30+ years National Coverage. Software/systems design, application, project, Q.C./Test/Reliability, graphics, CAD/CAM, CNC. Aerospace/commercial. Fees Paid. Jim Longberry, Longberry Employment, 940 Main Place, P.O. Box 471, Niles, Ohio 44446. (216) 652-5871.

SOFTWARE PROFESSIONALS. Nationwide opportunities for career advancement. As a degreed Electrical Engineer with industry experience, I understand your desire for challenge and growth and will also be able to discuss technical positions on a peer level. Fee paid positions for Operating System Design/Computer Architecture/Interactive Graphics/Peripherals Interfaces/CAD/CAM/Local Area Networking/A.I./Scientific Programming. J.A. Parr, ABC Searchtek, 401 2nd Ave. S., Suite 436, Minneapolis, MN 55404. (612) 339-1453.

WANG INSTITUTE OF GRADUATE STUDIES School of Information Technology Distinguished Scholar in Software Engineering

The School of Information Technology offers a special visiting appointment (1984/85) for a scholar of demonstrated software engineering skills and accomplishments.

The focus of development for the School is a Software Engineering curriculum dedicated to professional excellence. The faculty have established contacts with high technology industries, and bridge the gap between academic teaching and industrial activity.

The Institute offers excellent facilities for professional development including modern computing systems, an excellent software engineering library, graduate assistants, and secretarial support. Grants for staff and equipment support are available. The present student/faculty ratio is 6/1. The professional attitude and quality of the students enhances an atmosphere of information exchange.

The position has no fixed responsibilities other than the preparation and delivery of 5 lectures per semester in the regular curriculum of the Master of Software Engineering Degree. It is expected the visitor will have a definite plan of activities for the year.

Interested parties should submit a letter of application to the Chair of the Faculty, including a discussion of plans for the visit, required technical support, names of three references, and a resume. Compensation and benefits are appropriate to the position.

Chair of the Faculty
Wang Institute of Graduate Studies
Tyng Road
Tyngsboro, Massachusetts 01879
McKeeman. Wang-Inst at CSNet-Relay
...decvax!wivax!mckeeman

WANG INSTITUTE OF GRADUATE STUDIES School of Information Technology Software Engineering Professionals

Faculty applications are being accepted from software engineering professionals having extensive academic and industrial software design, implementation, and management experience. One-year visitors are also sought. Expected duties include teaching, closely interacting with students, supervising production-quality software development projects, and participating in curriculum development for the School's Master of Software Engineering degree program.

The Wang Institute is located near the heart of Boston's high tech corridor and offers a unique

environment for academic and professional growth. Instructional computing facilities include a VAX 11/780, a Prime 750, a Wang VS 100, Apollo DOMAINS, color graphics, and local network.

Qualified applicants should submit the names of three references and resume stating professional speciality areas and past software development or management efforts to: Faculty Search Committee, Wang Institute of Graduate Studies, Tyng Road, Tyngsboro, Massachusetts 01879.