

Professional experience

FEBRUARY 2002 – PRESENT TINCAT GROUP, INC. GRAND RAPIDS, MI & SIOUX CENTER, IA

President

- ✚ Researching, writing & speaking as an industry analyst related to software development tools & techniques in general, with a focus on data modeling.
- ✚ Providing assistance to developers of data-integrated web sites.
- ✚ Providing assistance to customers of MultiValue as well as SQL-based solutions related to software development and reporting solutions.

AUGUST 2004 – AUGUST 2005 DORDT COLLEGE, SIOUX CENTER, IA

Assistant Professor, Mathematics & Computer Science

- ✚ Taught Object-oriented Programming I & II using Java; Information Systems Analysis & Design, Decision Support Systems, and a Design Patterns Seminar; also taught Calculus I.
- ✚ August 2005 - PRESENT serving as a Faculty Adjunct.

AUGUST 1996 – JANUARY 2002 DATATEL, INC. GRAND RAPIDS, MI

Director, in Software Development

- ✚ Provided leadership for software development projects related to business intelligence solutions for higher education.
- ✚ Participated in the development of database-independent reporting strategies, including Executive Information Systems, On-line Analytical Processing, Query and Report, Data Marts, and Ad Hoc reporting. This included communicating, partnering, and attaining credibility with vendors, contractors and beta test clients, as well as serving as a primary contact internally for Datatel's reporting strategy.

NOVEMBER 1988 – AUGUST 1996 CALVIN COLLEGE GRAND RAPIDS, MI

Director of Computer Services

- ✚ Served as Assistant Director for Administrative Computing for the first two years, during which time we selected and implemented Colleague and Benefactor administrative software from Datatel, Inc. and Dynix library software.
- ✚ Directed IT areas of information systems, instructional computing, campus labs, technical support, network operations, telecommunications, and desktop systems. Managed team of twenty-three Information Technology professionals plus more than thirty student employees, on a campus of four thousand students, planning and administering a multi-million-dollar budget.
- ✚ Facilitated many large projects to move the college into a leadership position related to information technology.

1985 – 1988 STEELCASE, INC. GRAND RAPIDS, MI

Systems Analyst, Major Projects

- ✚ Served as project leader of the team developing and deploying software for special quotation pricing for the entire product line throughout all of the regional sales offices and corporate headquarters.
- ✚ Led project for software development methodology, working with consultants and team members to deploy industry best practices and a state-of-the-art purchased methodology. Participated on project management tool selection project.
- ✚ Led the developer workbench project, selecting Computer Aided Systems Engineering tools, and quality procedures related to programmer productivity.

1980 – 1982; 1984 – 1985 CALVIN COLLEGE GRAND RAPIDS, MI

Instructor of Mathematics and Computer Science

- ✚ Taught Calculus and introductory Mathematics and Computer Science courses.
- ✚ Wrote the primary text for the COBOL course, an unpublished manual purchased by students.

1982 – 1984 UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, NC

Analyst/Programmer

- ✚ Participated on a team implementing the Information Associates financial system for the University.
- ✚ Designed and developed an on-line component for end-user reporting; which was reviewed and adopted by the vendor.
- ✚ Served as the lead developer for a CICS COBOL system for UNC Public Television, which remained in production for fourteen years.

1977 – 1978 ELSTON-RICHARDS STORAGE COMPANY GRAND RAPIDS, MI

Computer Programmer

- ✚ Worked part-time and summers to design and write COBOL systems for General Ledger, Accounts Payable, Accounts Receivable, Payroll, and Depreciation functions.
- ✚ Wrote enhancements to the Primos Operating System using Fortran.

Education

1978-1980 MICHIGAN STATE UNIVERSITY EAST LANSING, MI

Masters of Science in Mathematics

- ✚ Teaching Assistant, Instructor in Mathematics.
- ✚ Summer 1979 at Calvin College converting from Honeywell to Prime.

1974-1978 CALVIN COLLEGE GRAND RAPIDS, MI

Bachelor of Arts

- ✚ Major in Mathematics.
- ✚ Grader for Mathematics classes.

Affiliations & Community Service Memberships

- ✚ ACM, Association for Computing Machinery, Member.
- ✚ Board, U2 User Group, for IBM UniData and UniVerse products, Acting Chair for the Emerging organization Fall 2003 - Spring 2005, Past President for term ending Spring 2006.
- ✚ Board of Trustees, GrandNet, "non-profit organization serving the West Michigan community with leadership in information and communication technologies" 1994-1999 (Chair, 1998).
- ✚ Board of Directors, Datatel Users' Group, 1995-1997 (Chair, 1996). Datatel Users' Group Technical Board, 1991-1993.
- ✚ Technology Committee of Byron Center Christian School, 1997-1999.
- ✚ Technology Committee for Pathway Ministries church, 1995-1998.
- ✚ CAUSE, an organization serving information technology professionals in Higher Education, 1990-1996, voting member.
- ✚ Matriarch of the "crc-voices" e-mail list for the Christian Reformed Church, still serving its constituency after more than a decade. Similar initiating role for the info-datatel e-mail list for Datatel clients, still in use.