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Qualifications

- Strong mathematical and scientific background. In depth knowledge of mathematical modeling, physics, electronics and software design and implementation.
- Proven ability to match technical solutions and engineering goals to business requirements in the high tech industrial arena. Ability to communicate complicated technical material to non-technical customers and investors.
- Experienced computer science and math teacher with a drive to inspire students.

Major Accomplishments

Gensym Corporation

Cofounder and VP of Technology

The first company to market a real-time intelligent system for monitoring and controlling a wide range of ongoing processes including petrochemical refineries, cement production, space vehicle operations (NASA), financial systems and intensive care units.

- Major responsibility for the development of technology including software design and implementation and hiring and managing software engineers.
- Directed and managed documentation and training departments.
- Major contributor to corporate strategy, investor relations, and product definition.
- Liaison between product development and marketing departments. Listened to customers, understood their problems, envisioned solutions, and guided the evolution of the product.

M.I.T.

Research staff and Instructor

- Wrote the *LISP 1.5 Programmer's Manual* (MIT Press).
- Implemented the first compiler for LISP.
- Developed and taught graduate course and authored a book entitled *Mathematical Logic for Computer Scientists*.

Acadia University

Assoc. Professor Computer Science

Education

Massachusetts Institute of Technology
Stanford University

B.S. Mathematics, 1962
Graduate studies, Computer Science

Employment History

Snow's Mountain Software Consultants Analyzed and improved location match rate of geographic software. (TeleAtlas) Designed and implemented embedded Java compiler.	1999-2004
Gensym Corporation, Cambridge, MA See page one.	1986-1997
LISP Machine, Inc., Cambridge, MA Implemented real time expert system.	1984-1996
Acadia University, Wolfville, Nova Scotia Associate Professor of Computer Science	1982-1984
Martin Marietta, Littleton, CO Conducted research sponsored by the U.S. Air Force toward providing a unified view over assorted databases which were geographically dispersed and of different design and age.	1979-1981
Prior to 1979 University of Colorado (Boulder, CO) Colorado State University (Ft. Collins, CO) Denver University (Denver, CO) Composition Technology, Cambridge, MA Information International, Inc., Cambridge, MA Bolt, Beranek and Newman, Cambridge, MA Massachusetts Institute of Technology	

Publications

<i>Lisp 1.5 Programmer's Manual</i>	MIT Press
<i>Mathematical Logic for Computer Scientists</i>	Laboratory for Computer Science, MIT

Public Service

Waterville Valley Transportation Authority, Waterville Valley, NH	2001-2004
Moderator of the School Board, Waterville Valley, NH	2003-2004
SHINE Counselor (Help retired and disabled people with health insurance issues.)	2010