David Bingham Skalak

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Objective To solve problems in investment management and finance using techniques from artificial intelligence and statistics, including learning and case-based reasoning algorithms.

Education

UNIVERSITY OF MASSACHUSETTS — Amherst, MA
Ph.D., expected September, 1996, Computer Science
Dissertation title: *Prototype Selection for Composite Nearest Neighbor Classifiers*
M.S., February, 1989, Computer Science

HARVARD LAW SCHOOL — Cambridge, MA
J.D., 1982. Third-year project: A Mathematical Model of Limited Liability for Shareholders

DARTMOUTH COLLEGE — Hanover, NH
M.A., June, 1979, Mathematics

UNIVERSITY OF SOUTHAMPTON — Southampton, England
Fulbright Fellow, Computational Hydrodynamics Research Group, 1976-77

UNION COLLEGE — Schenectady, NY
B.S., *Summa Cum Laude*, June, 1976, Mathematics, American literature

UNIVERSITY OF ST. ANDREWS — St. Andrews, Scotland
Mathematics, English literature, 1974-75

Employment

UNIVERSITY OF MASSACHUSETTS — Amherst, MA
Staff Associate Research Scientist, Department of Computer Science, 1989-94.

PRIVATE LAW PRACTICE — New York, NY
Securities Law Attorney, consulting to Stein, Zauderer, Ellenhorn, Frischer & Sharp, 1985-86. Experience included establishing hedge fund for special situations arbitrageur, public offering, advising broker/dealers, and S.E.C. filings.

CHRISTY & VIENER — New York, NY
Associate, corporate, banking and tax law, 1982-85. Wide commercial experience, included handling transactions involving issuance of letters of credit supporting industrial revenue bonds, drafting loan participation agreements, and advising self-regulatory organizations.

HARVARD LAW SCHOOL — Cambridge, MA
Research Assistant to Professor Steven Shavell, law and economics, 1980-82. Experience included researching rules for legal cost assessment in litigation.

Honors Fulbright Fellow, United Kingdom; University Fellowship, University of Massachusetts; General Electric Company Graduate Fellowship; Dartmouth College Fellowship; University of St. Andrews Exchange Scholar; *Phi Beta Kappa*, Union College; Eliphalet Nott Scholar; Resch Prize for Greatest Potential in Mathematics

Selected Publications (A list of approximately 30 publications in artificial intelligence is available.)
Trading Rules and Trading Cases in a Hybrid Architecture, *Proceedings of the Second International Conference on Artificial Intelligence Applications on Wall Street*, 1993. NY, NY.

Editorial Advisory Board
Neurovest Journal: Investing with neural networks and emerging technologies

Computer Experience
Software: Common Lisp, CLOS, C, Pascal, Unix, VMS
Hardware: Sun SPARC, DEC Alpha, DEC Workstation 3000, TI Explorer, Macintosh