



Curriculum Vitae

James L Black

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Education:

Ph.D., Systems Science, Portland State University, Portland, Oregon, 1981
Concentrations: General Systems Theory, Modeling and Simulation, Applied Statistics
Dissertation: Fortel: A Telecommunications Forecasting System

M.S., Mathematics, Portland State University, Portland, Oregon, 1977
Concentrations: Differential Equations, Applied Mathematics, Mathematical Statistics

B.A, Psychology, Portland State University, Portland, Oregon, 1971

Academic Experience:

Johnson State College:

1987-Present, Johnson State College, Johnson, Vermont
Presently Department Chair and Professor of Management, Business/Economics
Department

Business Courses taught: Social Entrepreneurship, Principles of Management,
Business Senior Seminar, Introduction to Business, Quantitative Analysis,
Financial Accounting, Production Operations Management, and
Macroeconomics.

Computer Courses Taught: Programming Languages including Java, C++
(introduction and advanced), HTML, SAS, Fortran, and Basic. Access
Database, Network Design, Website Design, and Microsoft Office.

1998 Founding Director, Computer Information Systems program, collaborative
program involving: Castleton State College, Lyndon State College, Johnson State
College, Community College of Vermont, Vermont Technical College,

1996 Professor of Computer Information Systems

1992 Founding Director, Non-Traditional Learners Program

1989 Associate Professor of Computer Information Systems

2001 Lecturer, University of Hannover, Hannover, Germany

1998 Sabbatical at IBM, Burlington, Vermont

Created and taught courses in the Java programming language

1989 Lecturer, Shanghai International Studies University, Shanghai, China

1983-1987 University of Connecticut, Storrs, Connecticut

Assistant Professor of Quantitative Methods. Taught Microcomputer Applications,
Systems Analysis and Design, and Production Operations Management in the
undergraduate and MBA programs.

Professional Experience:

2008 – 2015, Board of Directors, Lamoille Economic Development Corporation

2012 – 2014 Board President

2006 & 2008 Candidate, Vermont State Senate

1986-2007 President, Software Seminars Inc.

Managed the development and delivery of software courses including Java, SAS, UNIX, MVS, CMS, TSO, Microsoft Office, and Forecasting. A partial listing of client companies includes: AT&T, IBM, Blue Cross Blue Shield, Dominion Resources, Pitney Bowes, Verizon, National Life, Circuit City, Best Foods, Federal Reserve Bank, Kodak, Philip Morris, numerous local, state and federal governmental agencies as well as several academic institutions.

1994 IBM Consultant

Designed and developed the Course Management Database system for the Burlington facility training group.

1977-1983 GTE Corporation, Stamford, Connecticut

1982-1983 Forecast Manager, GTE Satellite, Stamford, Connecticut. Oversaw the development of a regression-based gravity model that predicted marked size for large private satellite-based telecommunications networks

1981-1982 Manager, Marketing department, GTE Corporate Headquarters, Stamford, Connecticut. Managed the development of a decision support system which predicted telephone equipment demand for residential and business markets

1979-1981 Operations Research Specialist, General Telephone of the Northwest, Everett, Washington. Conducted reengineering and methods improvement studies

1978-1979 First Line Supervisor, General Telephone of the Northwest, Everett, Washington. Supervised telecommunication repair technicians

1977-1981 Safety Coordinator, General Telephone of the Northwest, Everett, Washington, Supply Department Safety Coordination

1977 Consultant, Dialog Inc. New York, New York. Developed Telecommunications Forecasting System

1974 Systems Analyst, Oregon State Health Department, Portland, Oregon. Developed a statewide communicable disease reporting system

1973 Systems Analyst

University of Oregon Health Sciences Center, Portland, Oregon. Systems Analyst for the Computer Center

1970-1981 Rancher, K-H Ranch, Canyonville, Oregon, family-owned 1,000 acre cattle ranch

1967-1973 Technical Sergeant, Oregon Air National Guard, Portland, Oregon. Supervised the telecommunications section of a mobile radar squadron

Academic Program Development:

2012 – Present, Lead faculty member in creating a Learning Community for first year students with the purpose of connecting students to the college and enhancing retention.

2000-2003 Founding Director, Bachelor of Science degree in Computer Information Systems, Vermont State Colleges. This is a multi-institution degree. Faculty from several institutions use the Vermont Interactive Television (VIT) system and web based courseware to deliver the program. A typical class would have students from 2 or 3 institutions attend lectures via VIT. Faculty would also use VIT for meetings. The program was the first of its kind in Vermont.

2001 Curriculum Developer, a Bachelors of Science degree in Computer Information Systems with Microsoft Certifications, Johnson State College. This was a

collaboration between private enterprise and higher education to provide a Bachelor's degree that was state of the art, responsive to technological innovations.
1989 Developer of the Non-Traditional Learners Support Program, Johnson State College.

Presentations:

- Black, James (2014). Learning Communities, Vermont State College Summer Retreat
Black, James (2012). Financial Accounting for the Small Business. Lamoille Economic Development Seminar Series
Black, James (2002). Using Distance Learning to Deliver the First Vermont State College-Wide Degree, Computer Information Systems. Vermont State College Annual Retreat. Randolph, Vermont
Black, James (2001). Information Technology and the Use of Multimedia in Teaching: Experiences from a Multi-Institution perspective. University of Hannover, Hannover, Germany
Black, James (1989). Information Technology and its effect on American Culture. Lecture presented to the Shanghai International Studies University
Black, James (1989). Free Speech in America. Shanghai International Studies University.
Black, James (1989). Tianamen Square Demonstrations: An American Professor's Perspective. Shanghai International Studies University

Publications:

- Black, James (2014). Johnson State "Our" College, News and Citizen, Morrisville, Vermont. November 4, 2014. Page 4.
Black, James (2003). JavaServer Pages, Servlets and Web Applications. Johnson, Vermont. Software Seminars.
Black, James. (2002). Introduction to Java. Johnson, Vermont. Software Seminars.
Black, James. (1993). Microcomputers: Learning by Doing. (2nd ed.). New York: McGraw-Hill. College Custom Series.
Black, James. (1992). Intermediate SAS. Johnson, Vermont. Software Seminars
Black, James. (1991). Microcomputers: Learning by Doing. New York: McGraw-Hill. College Custom Series.
Black, James. (1991). Introduction to SAS. Johnson Vermont. Software Seminars
Black, James. (1989). China Diary. Johnson, Vermont. Johnson State College.
Black, James. (1989). Lotus 1-2-3. Johnson, Vermont. Johnson State College.
Black, James. (1989). WordStar. Johnson, Vermont. Johnson State College.
Black, James. (1989). Computer Basics: Hardware, Software and DOS. Johnson State College. Johnson, Vermont.
Black, James. (1989, June 17). What Democracy means to the Chinese. Burlington Free Press, p. 15A
Black, James. (1987). Basic SAS. South Windsor Connecticut. Creative Business Consultants
Black, James. (1984). Representing a Loss as a Gain. New York Statistician, March, p 3.
Cannon, James and Black, James. (1984). A Professional Pilot Profile, Professional Pilot. August. pp 230-235
Black, James (1984). The Northwest Telephone Company: A Case Study. Storrs, Connecticut. University of Connecticut.

Certifications:

- (2002) IBM e-business Solution Advisor. IBM.
(2002) IBM e-business Solution Sales. IBM
(2001) Network+. KnowledgeWave Training
(1999) Java for C and C++ Programmers. Deitel & Associates.
(1997) Lotus R4 Basics and Beyond Basics. ALR Technologies.

(1997) Lotus R4 Application Development 1. ALR Technologies.
(1997) Lotus R4 Mobil User and Power User. ALR Technologies.
(1992) Advanced Programming Techniques and Efficiencies. SAS Institute.
(1992) SAS Programming. SAS Institute.

Skills and Qualifications:

Programming ability: Java, C++, HTML, FORTRAN, BASIC, SQL
Database Development

Committees/Boards:

2015 Founding Director, Launch VT Collegiate
2014 Green Mountain Technical and Career Center, Business Program Advisory Board
2012 Future Business Leaders of America, Judge at Vermont State Annual Conference
2006 – present, VermontEntrepreneur.net, founding board member
2009 – present Lamoille Economic Development Corporation, Board President (2013-2014)
2006 - 2008 Board of Civil Authority, Stowe Vt.
2008 - 2011 Johnson Works, board member
2008 Johnson Community Coop, founding board member
2007 – 2011 Lamoille Region Workforce Investment Board,
2006 - 2008 Lamoille County Republican Committee, chair
2007 Vermont Entrepreneurship Consortium, vice chair
2007 Vermonters for Better Education, board member
2000 White House Advisory Committee on Expanding Training Opportunities,
1987 – present Johnson State College Committees:
 Faculty Assembly (Chair)
 Curriculum Committee (Chair)
 Graduate Committee (Chair)
 Promotion, Retention and Tenure (Chair)
 Professional Program Committee (founding Chair)
 Presidential Search Committee
 Long Range Planning Committee
 Computer and Telecommunications Advisory Committee
 Workforce Development Taskforce
 Faculty Athletic Representative
 Budget Taskforce
2008 – 2010, Justice of the Peace, Stowe, VT.
2006 – 2010, Notary Public
1989–1992, Chair, Wolcott, Vermont. School Board