Resume:
Eileen Backofen
backofene@hotmail.com

Employment Experience	
February 84 – August 07 George Mason Middle School and High School 7124 Leesburg Pike, Falls Church, VA 22043	
Technology Coordinator (86-07) Teacher - Math & CS (2/84 – 6/98) Math Dept. Co-chairman (85 - 86)	**As instructional technology coordinator**, I have integrated technology throughout the curriculum as well as organized and implemented staff professional development activities for both the middle and high school. As webmaster, I designed and maintained the website for both schools and co-sponsored our almost-daily online HS newspaper. **My information technology duties** included the creation of the HS master schedule, maintenance of our student database and the administration of our local area network. I am SASI certified. I prepared the technology budget, selected hardware and software, supervised its installation and maintained the building inventory. **I have taught all levels of Mathematics** (General Math through Calculus) and Computer Science (6-12).
Spring 2005 - 2007 EdTech Leaders Online (ETLO) and PBS	
Online Facilitator	"Using Technology in the Social Studies Classroom" (ETLO) "Count on It!: Number Sense for Grades K-5" (PBS) "Building Critical Thinking Skills for Online Research" (PBS) "Using Real Data in the Math Classroom" (ETLO) "Designing a Virtual Field Trip: (ETLO) "Creating Units to Support Differing Learning Styles" (PBS)
Summer 2001 – Summer 2004 Summer Youth Technology Program (SYTP) Virginia Tech and Falls Church City Public Schools	

Instructor	I designed and taught the following two courses which each met for two weeks Monday through Friday 9:00 – 3:00.
	   "Girls Online" – Technology for Middle School Girls
	   Web Design – HTML, Netscape Composer, Dreamweaver

March 79 - June 83 Ohio Wesleyan University Delaware, OH 43015	
Instructor (Mathematics)	Courses Taught: Pre-Calculus, Calculus, and Mathematics for Elementary School Teachers

Education	
B.A. (Mathematics) Phi Beta Kappa M.S. (Math-Education)	Queens College (City University of New York) 65-30 Kissena Blvd. Flushing, NY 11367
60+ Credits (Science, Computer Science, Education, and Instructional Technology)	Ohio State University, George Mason University George Washington University, University of Virginia, and Virginia Tech

Publications	Workshops and Presentations (1986 – 2007)

"A Computer Science Course for Middle Schools", Journal of the Virginia Association for Supervision & Curriculum Development, October 1985.
 	
"Enriching Mathematics with Computer Activities", in Computers in the Classroom: Experiences Teaching with Flexible Tools. Edited by C. Thompson and L. Vaughn, Northeast Regional Exchange, Inc., 1986
 	
"Thinking Metric", Classroom Computer Learning, April 1986.
 	
"A Computer Assisted Introduction to Functions", Virginia Mathematics Teacher, Fall 1987.
 	
"Strikes and Spares", Classroom Computer Learning, Feb. 1988.
Reprinted in Classroom Computer Learning 1989 Planning Book/Calendar
 	
"A Cooperative Project for Computer Science and General Math", Virginia Mathematics Teacher, Spring 1990
 	
"Planning Your Vacation", Electronic Learning, Award Winning Lesson Plans, May/June 1990
	• Motivating the Math Resistant Student (Radford University)
	• Using Appleworks (G. Mason High School)
	• Problem Solving Software in Math and Science (Falls Church City Public Schools)
	• Computer Assisted Visualization of Functions (VCTM Mathematics Conference)
	• Math Applications for the Math Resistant Student (Alexandria City Schools)
	• Microsoft Works for Teachers (Falls Church City Public Schools)
	• Beyond Computer Literacy (Falls Church City Public Schools)
	• Introduction to the Internet (George Mason Middle and High School)
	• Using Technology to Increase College Acceptance and Attendance Rates (VADOE Educational Technology Leadership Conference)
	• Student Data - An Integral Part of Every Teacher's Desktop (VESIS Conference, VADOE Educational Technology Leadership Conference)
	• "News as it Happens" Creating and Maintaining an online Student Newspaper (Virginia Society of Technology in Education (VSTE) Conference)
	• "Tech at Three" Workshop Series
	  TSIP Preparation and Certification for MS and HS faculty
	  Designing a Virtual Field Trip (VATFACS Conference)

Miscellaneous:
- Thinkquest Jr. Competition Coach (Second Place National Winner, Arts & Literature Division) 1998
- Microsoft Lesson Plan Contest (National Runner-up Award) 1990
- VESIS (Virginia Educational Student Information Service) Board Member
- North TIER Consortium – Falls Church City Schools' Representative
- Novatec Consortium – Falls Church City Schools' Representative
- ESOL (Electronic Standards of Learning) Project Manager