

WILLIAM H MACKENTY, M.Ed.

2452 44th Street Apt A4
Astoria, NY 11103
T 508.627.0156
bill@mackenty.org
www.mackenty.org

PROFILE

I have strong technical skills and educational aptitude. Combined with a passion for computers and teaching, I am uniquely qualified to direct technology in education. I succeeded as a technology teacher for 7 years at the Edgartown School on Martha's Vineyard, where I had principal system administration responsibility for a complex network while teaching children in grades 3 through 8.

I'm currently working as an instructional designer at Hunter College Campus Schools, where I guide, support, and direct technology in the classroom. I am currently supporting over 100 OS X laptops, wireless networks and desktops. My objective is to be a district director of technology where I can guide a group of schools in the wise and effective use of technology.

EXPERIENCE

Instructional Designer, Hunter College Campus Schools – 2006 - Present

- ✓ Designed and created exceptional staff professional development
- ✓ Consistently demonstrated flexibility and adaptability to support technology
- ✓ Administrated distance learning system (blackboard)
- ✓ Supported turnitin.com
- ✓ Trained students and staff for use of the guidance system Naviance
- ✓ Provided tier I, II and III technical support, especially for OS X and Linux
- ✓ Designed and ran school website (HCES and HCHS)
- ✓ Coded and supported custom-built help-desk system
- ✓ Supported wide-spread smartboard implementation
- ✓ Assisted faculty with a 1:1 teacher laptop program
- ✓ Setup and system administrator for Elementary school 1:1 student laptop program
- ✓ Created, trained, and bought pizza for the student tech team
- ✓ Regularly podcasted and blogged around technology in education
- ✓ Advocated, supported, and initiated open-source in the school
- ✓ Key member of the Campus Schools strategic planning committee
- ✓ Faculty advisor: video game club
- ✓ Faculty advisor: ham radio club
- ✓ Elected: executive board for union executive committee
- ✓ Assisted and budgeted for resources
- ✓ Took part in hiring and selection of candidates for technical support
- ✓ Taught engineering and advanced engineering for students in elementary school

This job has really helped me focus on the effective use of technology in the classroom. The school is very focused on the bottom line; if it doesn't enhance what we are already doing, why use it?. This is a driving idea behind the implementation of technology. The exceptionally high level of the students underscored the importance of using technology well. This school is part of the CUNY system, and as such, part of a very large organization. I am learning how to effectively move inside a byzantine structure.

This is proving to be an excellent job for me; I am challenged, and every single day I am supporting the teachers to effectively use technology. I'm having quite a bit of fun here.

Blog-master & Technology Consultant (part time)— 2007, 2008

- ✓ Oversaw the blog for Dr. Terrence Real, a nationally recognized relationship therapist
- ✓ Assisted in organizational technical support and technology planning
- ✓ Insisted on original, high-quality content from multiple sources

This was a great side-job for me, as it allowed me to see the immediate application of technology for an organization. The blog serves as a publicly visible voice of Dr. Real and his team. Seeing how a blog can make a difference in a business organization was interesting. It was also interesting to work in a for-profit enterprise, and I was regularly reminded why I love education.

Computer teacher / Professional development Edgartown Elementary School 2001 - 2006

- ✓ Set up and administrate an OS X network (about 100 client machines)
- ✓ Planned, developed and taught comprehensive technology curriculum to middle school students (ages 9 to 14)
- ✓ Actively participated in the Edgartown School Community
- ✓ Developed and maintained the Edgartown School website
- ✓ Planned and implemented technology professional development
- ✓ Budgeted and allocated resources for technology use

I loved this job. I melded my interest in technology with my love of teaching, and viola. I did lots of stuff at the Edgartown school; I was a union building rep, I chaired the all-powerful playground subcommittee, I chaperoned trips, I solved computer problems, and I created and delivered professional development here. I really worked hard to be a better teacher and my number one goal was to INTEGRATE TECHNOLOGY into the curriculum. I'd say I made some very satisfying progress.

I'm enthusiastic, interested, motivated, curious, positive, thoughtful, deliberate, considerate, and was involved with the school.

Mathematics Teacher's Assistant Edgartown Elementary School 2000 - 2001

- ✓ Guided, supported and assisted 7/8 mathematics teacher
- ✓ Created step-by-step guides for middle-school math concepts
- ✓ Graded, evaluated, and recorded quizzes, tests and projects
- ✓ Gained important classroom management skills and experience

I love math, and working with a dynamic math teacher was great. I mainly supported kids with IEP's, but offered help to anyone who asked. There's something about the purity of mathematics I really enjoy. This particular teacher regularly reviewed homework. I find it to be a good idea, and one I practiced when I assigned homework.

Social Skills Teacher's Assistant Edgartown Elementary School 1999 - 2000

- ✓ Taught in a highly structured environment with 5 E.D. children, aged 6 to 10
- ✓ Provided intensive behavioral limits, up to and including physical restraint
- ✓ Developed and presented lesson plans in social studies and science
- ✓ Taught reading, arithmetic and writing

This classroom was an intensive "social skills" classroom. Because sending a child to residential treatment is so expensive (and disruptive to a family) the school district has an in-school program to deal with these troubled youngsters. It is very structured. I was exposed to, and used, touch-math, and the Wilson Reading program.

Cabletron Systems, Inc. - Programmer B Rochester, 1998 -1999

- ✓ Worked as a computer operator in a SAP R/3 environment
- ✓ Trained in advanced administration of SAP R/3
- ✓ Practiced Unix system administration
- ✓ Authored ISO compliant documentation
- ✓ Gained valuable experience working in a large corporate environment

I worked at Cabletron for about nine months. The majority of my time was as a second shift computer operator. I ran many batch jobs, did some Unix system administration, worked with SAP, and resolved printer issues. Basically, I was there to back stuff up, and make sure nothing went wrong.

Reserve Police officer - Oak Bluffs Police Department Summers only, 1999 - 2004

- ✓ Worked as a summer reserve officer on Martha's Vineyard
- ✓ Assisted in the protection of the President of the United States of America
- ✓ Increased my repertoire of communications and crisis management skills
- ✓ Became familiar with the legal system and Massachusetts General Laws

I chose to be a police officer because I have always deeply enjoyed helping people, and I felt like police work might afford me the opportunity to help people in a way I haven't been able to in the past. I also loved the Island (it's my home), and I felt like protecting the peace was something I could do well.

Educational Counselor - TRIO program Keene State College - 1997 - 1998

- ✓ Developed academic support strategies for college students and adults
- ✓ Managed several cases on an on-going basis through several semesters
- ✓ Organized and directed a Peer mentor program
- ✓ Authored and published newsletter with distribution to 280+ students and faculty
- ✓ Increased knowledge about learning disabilities and the American's with Disabilities Act

While I was earning my Master's Degree, I worked in an assistantship. Basically, my tuition was waived, and I earned a \$1500 per semester stipend..pretty good deal. I worked in the TRIO programs, which are federally funded grant programs designed to help students get into college, and help them once they're there. I worked in Student Support Services, which provided academic help and assistance to students with learning disabilities, low income students, and first generation college students.

My strongest skills here were my "how to be a better student" lectures/groups. I think I really connected with the students, and made a definable difference. I also learned a lot about the American's with Disability Act (especially sec. 504).

English Teacher - Shenyang, China 1994 (3 months)

- ✓ Gained an international perspective in relation to business, culture, and education
- ✓ Taught conversational English 22 hours a week to Chinese students
- ✓ Developed lesson plans, helped Chinese teachers develop lesson plans
- ✓ Increased awareness regarding multi-cultural issues

I enjoyed teaching in China. I taught for about 3 months in Shenyang (pronounced shen-yung), China. I taught conversational English to a wide variety of students. My two main goals in China were to learn Tai Chi (a slow moving martial arts-type exercise), and to teach English. That's exactly what I did.

Residential Counselor - Nashua Children's Association 1992 - 1996

- ✓ Worked 50 hours per week with 12 abused/neglected adolescent young women
- ✓ Honed communication and crisis management skills
- ✓ Awarded outstanding team player by peers
- ✓ Managed cases, with inclusive responsibility for emotional, physical, and educational well-being

This job was one of the most positive, transformative employment opportunities I have ever had. With an employee average length of stay around 11 months, I worked 4 years (minus the trip to China). I worked on an adolescent girls unit, and for a long time, was the only male on the unit. It was exciting, and very difficult work. There was a lot of limit setting, some physical management, and a whole lot of chores.

The one person who really made this job a pleasure was my supervisor. She really supported me, met with me on a weekly basis, and encouraged me in my training process. I credit her with my success there, and have remembered the lessons she taught me there; training and supervision make a definable difference.

Substance Abuse Counselor - Seafield Pines 1992

- ✓ Worked with adolescent drug and alcohol addicts, many with dual-diagnosis
- ✓ Became familiar with the 12 steps
- ✓ Learned residential treatment paradigm
- ✓ Facilitated anger management groups, social-skills groups, and the disease concept of alcoholism

The 42 day treatment paradigm was ending, and with it, a number of last-desperate-gasps treatment centers. This was one of them.

I actually ended my employment here nailing the windows shut and burning a ton of patient records. The place went out of business; it was kind of sad.

EDUCATION

Franklin Pierce College, Rindge, New Hampshire – BA 1992

Psychology and History

Keene State College, Keene, New Hampshire – M.Ed. 1998

Master's in Education: Curriculum and Instruction

MESPA & Northeastern University, Marlborough, Massachusetts 2004

Certificate Program - Instructional Technology

Hunter College, Manhattan, New York 2006 - 2007

Polish Language Courses

Hunter College, Manhattan, New York September 2008

Administration and Supervision Program with certification as a school principal and/or superintendent.

CERTIFICATION AND PROFESSIONAL MEMBERSHIP

- ✓ Massachusetts certified Instructional Technology specialist - expires 2010
- ✓ New York certified Educational Technology Specialist - expires 2010
- ✓ FCC licensed amateur radio operator - KB1IYT
- ✓ Member, International Association for Games Education and Research
- ✓ Member, ISTE (International Society for Technology Education)
- ✓ Ex-Member, Board of Directors, Martha's Vineyard Bass and Bluefish Derby (tech position)
- ✓ Ex-Member & "Blogmaster", MassCUE (Massachusetts Computer Using Educators)
- ✓ Developer Team - HSPACE 3D space system
- ✓ Active member and contributor, PENNmush text-based game server

TECHNICAL SKILLS

Networking

- ✓ My long-standing love affair with blinking lights, bits, cables, and electrons has really paid off for me
- ✓ Competent in configuring and fixing DNS, DHCP, mDNS, basic network stuff
- ✓ Configuring ACL's on switches and routers is no problem
- ✓ I'm comfortable in the physical, data-link, and network layers (OSI)

LAMP : Proficient

- ✓ LAMP stands for Linux, Apache, MySQL and PHP (or Perl, depending on who you are talking to)
- ✓ I am comfortable developing and administrating in this environment.
- ✓ I use PHP and MySQL daily, and administrate a Linux webserver.
- ✓ I do not consider myself a Linux Ubergeek, but I can get myself around it and solve problems.

OS X Server: very proficient

- ✓ I am highly proficient in the setup and administration of OS X server.
- ✓ I mainly administrate from the command line. I fix stuff, configure services and optimize stuff.
- ✓ I do openLDAP, networked accounts, DHCP, DNS, Webperformance cache, playing nice with Windows

OS X: about the same as OS X Server.

- ✓ I do net installs, net boots, net everything - asr images, creating and restoring
- ✓ Hardware repairs are no problems, although I don't have as much experience fixing laptops.
- ✓ Remote administration is no problem

Windows

- ✓ I know IIS well, and Server 2003 slightly less well
- ✓ I do windows XP, but I'd much rather use a mac or a linux box
- ✓ Quite comfortable in the Microsoft environment (mmc, regedit, msconfig, etc)
- ✓ Comfortable using remote access

Hardware: proficient

- ✓ I've fixed / upgraded desktop machines and printers. I really know Epson ink-jets, and HP laser printers.
- ✓ I don't have as much experience fixing laptops.
- ✓ I know my way around wireless routers, and WAP's, and I also grok switches (Asante especially).
- ✓ I usually need help configuring Cisco routers, but I know where to look for problems.

OUTSIDE INTERESTS

Amateur Acoustic Guitar Player

- ✓ Enjoy playing acoustic 6 string guitar
- ✓ Influences include Neil Young, Paul Simon, peaceful music, and classic rock
- ✓ Thankfully I have a good experience with computers, because I would never make any money playing the guitar.

Learning Polish

- ✓ My wonderful wife is Polish, and I am constantly trying to master this complex and difficult language

Text-based multiplayer games

- ✓ This is one of those geek things. If you want to know about this, ask. It's really cool.
- ✓ With kids spending a majority of their time in front of the TV, and videogames, text-based gaming presents an engaging and important alternative. Imagine a game with no graphics and only text. Textual descriptions, and textual interaction with a virtual world. Taking advantage of students love-affair with text messaging, and chatting, I see text-based gaming enjoying a surge in activity. Very cool stuff.

Reading

- ✓ I love to read. Heinlein, Gaiman, Asimov, Zinn, Ken Wilber, J. K. Rowling, Stephenson, Orwell, Lem, Kapuscinski, Milosz, and lately Tolstoy.

Lay Leader, Episcopal Church

- ✓ Served in a small congregation as a lay reader
- ✓ Participated in church activities (especially those delicious dinners on Sunday)
- ✓ I was raised in the Episcopal Church, and was confirmed in 2002. I would like to learn more about the Anglican Communion, and always strive (struggle?) to deepen my faith.
- ✓ Currently an active member of St. Mary's in Times Square

Tai Chi

- ✓ I enjoy Yang style 24 form. I'm learning Yang style 8 form. 48 form is next!
- ✓ I would love to learn other, more esoteric forms of Tai Chi

Cooking

- ✓ I love to cook, and I am always on the lookout for new recipes.
- ✓ I am also always interested in how people cook simple dishes
- ✓ Favorite book: The Joy of Cooking

REFERENCES

I have many exceptional references from students, peers and supervisors. I also warmly invite you to visit my blog, at www.mackenty.org, which I consider a portfolio of my work.