
Bill MacKenty

Experienced and Effective Professional Technology Educator

OBJECTIVE

To improve and support student achievement and learning of computer science in a K-12 environment.

SUMMARY

I am an effective and experienced K-12 educator. I am absolutely committed to student growth and achievement especially related to K-12 computer science and computational thinking.

EXPERIENCE

Computer Science Educator, American School of Warsaw

Warsaw, Poland — 2015 - present

Designed, developed and delivered a comprehensive computer science curriculum based on the CSTA K-12 curriculum framework. Taught students in the middle and high schools. Worked with teachers to marry computer science and computational thinking into other curricular areas. Had tons of fun.

Accomplishments

- Developed, from scratch, a viable computer science curriculum
- Introduced Python as a primary programming language
- Developed assessments and rubrics related to all five major strands in this course
- Supported parent understanding of computer science

Director of Technology, American School of Warsaw

Warsaw, Poland — 2010 - 2015

Had senior-level authority and responsibility for technical, financial and quality aspects of technology services. Managed technology services for a major non-profit international K-12 school with 900 students, 1800 parents, and 200 staff and faculty. Effectively supervised a five member technology services team and co-supervised four technology coaches for two years.

Accomplishments

- Set the vision for technology and learning around a transformational model of learning
- Managed and led major service transitions for student information systems, email and collaboration systems, and moving about 650 students and about 200 faculty from Windows to OS X
- Collaboratively led and co-supervised a team of technology coaches to develop a technology coach evaluation instrument, based on the ISTE standards for technology coaches
- Implemented ITIL service operations
- Trained IT team in ITIL management
- Managed technology services to support learning
- Designed, built, and administered a web-based professional development system
- Taught graduate level courses for SUNY-Buffalo related to educational technology

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Instructional Designer, Hunter College Campus Schools

New York, New York — 2006 - 2010

The Hunter College Campus Schools is a preeminent organization for teaching gifted children in NYC. As an instructional designer, I did everything there was to do with technology and learning.

Accomplishments

- Supported faculty with a new 1:1 teacher laptop program
- Provided tier I, II and III technical support, especially for OS X and Linux
- Setup and administered Elementary school 1:1 student laptop program
- Plan, developed, implemented, and managed new school website
- Faculty advisor: video game club, ham radio club and karaoke club

Computer Teacher / System Administrator, Edgartown School

Edgartown, Massachusetts — 2001 - 2006

Worked as a computer teacher for grades 3 through 8 (ages 9 to 14), while also administering various systems and networks in the school.

Accomplishments

- Planned, developed and taught comprehensive technology curriculum to middle school students (ages 9 to 14).
- Planned, implemented, and assessed technology professional development.
- Administrated an OS X network (about 100 clients and a server)

EDUCATION

Ongoing Personal Professional Development

Everywhere — 2009 - Present

UBD (Understanding by Design), computer science in K-12, TEPS teacher evaluation system, PRINCE2, ITIL, Linux system-administration, web application development, educational leadership and management,

City University of New York-Hunter College

New York, New York — 2008 - 2009

School administrator certificate, Educational Leadership and Administration, General

Northeastern University

Boston, Massachusetts -- 2004 - 2005

Educational technology certificate, Educational / Instructional Technology

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Keene State College

Keene, New Hampshire -- 1996 - 1998

Master's degree in education

Franklin Pierce University

Rindge, New Hampshire -- 1988 - 1992

Bachelor of Arts in Psychology and History

SKILLS

- Teaching in the K-12 (ages 6 to 18 - I prefer ages 12 to 18) computer science
- Plan, write and manage custom web applications using expression engine, PHP, javascript and jquery, MySQL
- Planning, implementation, management and assessment of Educational Technology
- Managing technology services with specialization in educational settings (ITIL)
- Strong project manager (PRINCE2)
- Most comfortable using and administrating LAMP stacks, Debian-based - I know postfix
- I am familiar with many common educational technology software services such as moodle, naviance, atlas, powerschool, blackbaud, turnitin, and many more.

CERTIFICATES

- ITIL Service Operations
- ITIL Foundation
- Prince2 Project Management (foundation)
- New York State School Building Leader (expires 8/2015)
- New York State School District Leader Professional Certificate
- New York State Educational Technology Specialist (expired 2013)
- Massachusetts Instructional Technology Specialist (expired 2010)

PERSONAL

I am happily married. We have a 5 year old daughter, Jana. In November 2014, I turned 45 years old. I love to walk and swim. A happy day is one I can spend coding and playing with my family. I like to cook and play guitar, but I'm not an expert in either. I enjoy science fiction and I am addicted to learning. I am learning Polish, which is not easy. I am in love with Poland, and I am enjoying my fifth year in this wonderful country.

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REFERENCES

Available upon request.

Craig Belshe, past Elementary School Principal, American School of Warsaw

Terry Gamble, past Director of the American School of Warsaw

Sue Williams, past Director of Curriculum and Learning, American School of Warsaw

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Letter of Introduction

To Whom it May Concern,

I am currently serving as the director of technology at the American School of Warsaw. For more than 12 years, I have successfully guided schools to strengthen, deepen and broaden student learning through the effective and wise use of technology. I believe how we teach and learn is far more important than what we use to teach and learn. Over the last few years I have come to believe computer science and computational thinking is foundational to preparing our students for the life ahead of them. I am seeking to grow from an educational technology leader to a teacher of computer science.

I am a technology skeptic and a technology evangelist. I believe when technology merely substitutes old practices, it can hinder and harm learning. However, when technology is used to personalize learning, it can be wonderfully innovative and transformative.

I am certified school building and district leader in New York State, and have held educational technology certifications in New York and Massachusetts. I am a strong project manager, excellent communicator and developer of shared leadership. I have strong technical skills and strong education skills. I am a superb explainer.

I have worked with kids and helped others for my entire professional life. I love teaching, and watching a kid “get it” really lights me up. I am very interested in effective education, learning theory, assessment, and learning.

My interest in computer games began in the heady days of Zork and Infocom, and has continued since. Combining games in education has been a natural and fluid process. I am committed to “getting it right”, to use games to create lasting understandings across content areas and disciplines. I have innovative and leading ideas how digital games can be successfully used in education to improve student learning. I am very interested in leveraging gamification into learning and other areas within an organization.

When I was in sixth grade, my math teacher brought a computer into our classroom. A week later, I was teaching the class how to program (really). I have administered technology at every level of the OSI chain; I am most at home with Linux systems and LAMP stacks. I develop web-applications, writing custom web applications that really help organizations work better. I am most happy when I can teach computer science and develop web applications.

My work needs to be meaningful. I put my heart into my work, I am passionate about what I do - I want my commitment to an organization to be reciprocated. That the work I do makes this world a better place. I shun certain corporate cultures that can't see a bigger picture and context other than profit. Hire me and we can make this world a better place.

I am married to a wonderful and beautiful human being, Dagmara, and I have a 6 year old daughter. I am learning Polish.

Specialties: Teaching, effective IT leadership and management, educational technology management, international educational technology, educational technology leadership, games and learning, web application development, LAMP stack management, and technology in education

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