
Bill MacKenty

Experienced and Effective Professional Educator

OBJECTIVE

To raise student achievement in computer science.

SUMMARY

I am an effective, professional and experienced 6-12 educator. I am absolutely committed to student learning, growth and achievement.

EXPERIENCE

Computer Science Educator, American School of Warsaw

Warsaw, Poland — 2015 - present

Designed and delivered IB computer science curriculum (SL and HL). Designed, developed and delivered a comprehensive computer science curriculum based on the CSTA K-12 standards and MYP Design. Developed robust collection of teaching materials. Exposed students to real-world tool-sets, problem-sets, and environments. Participated in curriculum review for CSTA, IB, and the K-12 framework.

Accomplishments

- Developed, from scratch, a viable and rigorous computer science curriculum
- Introduced Python as a primary programming language
- Developed assessments and rubrics related to all five major strands in this course
- Worked very closely with IB on Computer Science curriculum

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.
- Administered an OS X network (about 100 clients and a server)

EDUCATION

Ongoing Personal Professional Development

Everywhere — 2009 - Present

Cognitive coaching, 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, Many different python courses. Many different PHP courses, Many different SQL courses (including courses from Oracle Academy). IB DP Computer science category 1 training, MYP design category 1 training, CS50 training.

City University of New York-Hunter College

New York, New York — 2008 - 2009

School administrator certificate, Educational Leadership and Administration, General

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Northeastern University

Boston, Massachusetts -- 2004 - 2005

Educational technology certificate, Educational / Instructional Technology

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 computer science in the high-school
- Plan, write and manage custom web applications
- Managing technology services with specialization in educational settings (ITIL)
- Strong project manager (PRINCE2)
- Administering LAMP stacks, Debian-based
- Setting up and configuring Postfix
- I am familiar with many common educational technology software services such as moodle, naviance, atlas, powerschool, blackbaud, turnitin, google suite, and many more.

CERTIFICATES

- IB Category 1 training, computer science
- Design: Implementing the MYP (Category 1)
- MYP Category 1 training, design
- 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)

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PERSONAL

I am happily married. We have a young daughter, Jana. I love to exercise. A happy day is one where I can code and play 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.

REFERENCES

Available upon request.

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Letter of Introduction

To Whom it May Concern,

I am currently serving as a professional computer science educator at the American School of Warsaw. For more than 19 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 world ahead of them. I am seeking to become a true master teacher of computer science.

I am committed and involved to visible sustainability, and work hard to involve students in **authentic** sustainable practice.

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 play-as-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. I don't enjoy management. Hire me and we can make this world a better place.

I am married to a wonderful and beautiful human being, Dagmara, we have a strong 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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