Bill MacKenty, M.Ed.

Professional Educator

Professional, experienced, effective, passionate and results-oriented educator. Skilled in teaching IB DP computer science and MYP design (software engineering). I apply nuance and discernment to support teenagers to reach their highest potential. I have achieved excellent learning outcomes for my students. I am seeking employment in an organization which shares my passion and commitment as a professional educator to support teenagers to grow into high-functioning adults.

Personal Info

Phone
+48 794 333 673

Email
bmackenty@gmail.com

Digital Bill
https://www.mackenty.org

Skills

- Teaching DP Computer Science
- Teaching MYP Design
- Working with adolescents
- Assessment and learning
- Deeply experienced with many different common school applications (blackboard, powerschool, mangebac, etc)
- Moodle
- Custom PHP / Python application development
- Google applications
- LAMP: Linux, apache, php, Maria DB

Languages

- Native English speaker
- Polish - low level
- PHP - high level
- Python - medium level
- Javascript - low level
- Rust - still learning
- SQL - medium level
- BASH scripting - low level

Experience

2015 - present

IB Computer Science
American School of Warsaw

- 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.
- Deeply involved in writing new IB computer science curriculum / spec papers / training

2015 - present

MYP Design
American School of Warsaw

- Designed and delivered MYP year-5 (grades 9 and 10) software engineering with the MYP Design framework
- Gave students **authentic and unprecedented** choice and agency to solve problems
- Designed and delivered two courses:
  - Designing Solutions Through Programming
  - Solving Complex Problems Through Programming

2010 - 2015

Director of Technology
American School of Warsaw

- 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.
- Taught graduate level courses for SUNY Buffalo
- 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

Education

2005

Northeastern University
Educational Technology

1998

Keene State
Master in Education

1992

Franklin Pierce University
BA History / Psychology