

Contact

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Proximal Skills

- C++
- PHP
- MySQL
- HTML/CSS
- JavaScript
- Mathematica/Matlab
- Java

General Skills

- Team building
- Education
- Physical science
- Mathematics
- Graphic arts & CGI
- Writing

Leadership

- President, SSU Chemistry Club
- Organized high adventure program for Girl Scouts

Other

- Comfortable in foreign cultures
- Some proficiency in German and Italian

Duane Couchot-Vore

TEACHER / YOUTH WORKER



Summary

- Extensive experience in software engineering, research and development, and an aptitude for connecting the development process with real-world applications. The key to understanding the requirements is understanding the problem.



Education

University of Pittsburgh *Pittsburgh, PA*

M.S., PHYSICAL CHEMISTRY, 2010-2014

- Focus on spectroscopy and computational chemistry
- Principal architect of software for 2D infrared spectroscopy

Shawnee State University *Portsmouth, OH*

B.S., CHEMISTRY, 2005-2007

- Summa Cum Laude
- Outstanding Chemistry Graduate, 2007
- Outstanding Tutor award



Curriculum Vitae

First Baptist Church *Centerville, OH*

Sunday School Teacher, 1978-1981

Taught 4- and 5-year-olds, later junior high

Christ Community Church *Kettering, OH*

Sunday School Teacher, 1982-1985

Taught 4th through 6th grade and junior high. Developed own curriculum

Soccer Association for Youth *Englewood, OH*

Referee, 1987-1993

All age groups, 6-18. I was a stickler for enforcing safety over game play.

Camp Fire Council of the Greater Dayton Area *Dayton, OH*

Club Leader, 1986-1989

Leader of coed Camp Fire Club with special emphasis on environmental and service projects

Buckeye Trails Girl Scout Council *Dayton, OH*

High Adventure Coordinator, 1990-1998

Created, developed and managed the High Adventure program, including leadership strategy and safety standards. Instructed girls and leaders in caving, rappelling, rock climbing, backpacking and other activities. Developed adventure education leader training program. Identified and recruited specialist consultants as needed.

Program Consultant, 1989-1998

Consultant for several badge and other programs, particularly computers, nature, and science. Had particular fun with the Junior geology badge.

Resident Camp Manager, 1991

This was not my usual area of expertise, but was requested to do it one weekend at Camp Whip-Poor-Will.

National Speleological Society *Huntsville, AL*

Junior Speleological Society Chairman, 1994-1996

Developed the Junior Speleological Society, a week-long program of activities for the annual NSS convention. Had to travel extensively to evaluate local activities for inclusion in the program each year.

Church of Saint Charles Borromeo *Kettering, OH*

CCD Teacher/Youth Minister, 1995-1997

Developed curriculum and taught 7th and 8th grade. Regular leader/chaperone on COAP "work camp" trips.