Robert C Compton

EDUCATION   **University of California, San Diego**, La Jolla, CA 92037
Master's Degree – 06/1987
Doctoral Degree - 06/1990
Major: **Mathematics**
GPA: 3.84 of a maximum of 4.0

Affiliated Publications:
-Compton, Robert. 1990. Hamiltonian Cycles in Cayley Graphs and a Doubly Adjacent Gray Code

Virginia Polytechnic Institute and State University, Blacksburg, VA 24061
Bachelor's Degree – 05/1987
Major: **Mathematics**
GPA: 3.72 of a maximum of 4.0
Magna Cum Laude Honors Degree

RECENT WORK EXPERIENCE:
Point Loma Nazerene University
3900 Lomaland Dr
San Diego, CA 92106

8/2016 – Present
Adjunct Faculty

Duties, Accomplishments and Related Skills:
Taught both Math 203 Statistics and Math 173 Business Calculus.

Institute of Defense Analysis, Center for Communications Research
4320 Westerra Court
San Diego, CA 92121

06/2009-08/2013, 10/2016 – Present
Consultant
06/1995 – 06/2009
Researcher

Duties, Accomplishments and Related Skills:
Did a wide variety of research in mathematics and computer science. My main areas of interest were cryptography, computer security, Bayesian statistics. Continued to work as a part-time consultant.

Research:
o   Most of my research was classified.
o   Generalized Hadamard Matrices

Copper Mountain College
 6162 Rotary Way
 Joshua Tree, CA 92252

08/2009 – 07/2016
Tenured Instructor

Duties, Accomplishments and Related Skills:
Teach a variety of Math Classes. Coordinate and advise adjunct faculty. Serve on committees. Update and develop courses, SLO testing, and departmental program review. President of local Union. Advise students in Math and Liberal Studies.

Teaching:
o Non-transferable classes: Pre-Algebra, Beginning and Intermediate Algebra, Algebra for Statistics
o Transferable classes: Statistical Methods, Calculus, Multivariate Calculus, Linear Algebra, Differential Equations, Liberal Arts Math, Pre-Calculus, College Algebra, and Mathematics for Elementary School Teachers.

Committee Work:
o Curriculum Committee - help develop and approve curriculum of entire college
o Professional Standards and Ethics (Chair)- Oversee sabbatical applications and process
o Salary Advancement Committee - approval of salary advancement requests
o Academic Calendar - set up academic calendar for college
o Student Success Committee - try to improve student success, develop equity reports

Departmental Work:
o With no department head, all work was done with the three full time instructors (later 5). This includes program review, and all course development. We also developed common Student Learning Outcome (SLO) assessments for all our course that were taught by multiple instructors. We then refined and updated these assessments in an attempt to improve our success rates.
o Developed the course for Discrete Math that was needed for our Computer Science degree. Also co-developed the course Math for Elementary School Teachers that was needed for our Liberal Studies degree.
o Called and ran departmental meetings for instruction improvement and other departmental business.

Advising:
o Advise students in Mathematics as well as Liberal Studies Degrees.

Union President:
o Headed negotiations with college.
o Attended College Council and budget Advisory Committee to represent faculty.
o Ran union meetings and wrote newsletter to keep faculty informed.