

Art Belmonte

Curriculum Vitae

1 Personal Information

Citizenship United States

Residency Texas, Qatar

Status Single

Physical Height: 5' 10"; weight: 190 lb

Health Excellent

2 Education

- Texas A&M University—M.S. in Mathematics, 1986
- Michigan State University—B.S. in Mathematics, 1978

3 Work Experience

1. Texas A&M University, Department of Mathematics;
Texas A&M University at Qatar, Science Program / Math
(Jan 1993–Present; College Station, TX; Doha, Qatar)
Senior Lecturer and Systems Analyst
 - Teaching first, second, and third semester engineering calculus and differential equations with computer algebra systems (both computer- and calculator-based).
 - Development, implementation, and tracking of the MATLAB technology component of Math 151-152 STEPS classes in conjunction with Engineering and Physics (STEPS program).
 - Supervising student workers that serve in the departmental MATLAB and Maple help sessions.
 - Course coordinator for Math 152 (twice).
 - Preparing course lectures for the Web that include section summaries, hand examples, and computer examples employing MATLAB.
 - Designing, developing, testing, and disseminating calculator and computer software for calculus and differential equations (for TI-Nspire CAS and TI-89 calculators as well as MATLAB and Maple mathematical software).
 - Training faculty, teaching assistants, and laboratory staff in the use of technology in mathematics courses.
 - Preparing streaming videos to illustrate the use of TI-Nspire CAS calculators and MATLAB in mathematics courses.

2. Texas A&M University
Department of Mathematics
(Jan 1993–Dec 1993; College Station, TX)
Lecturer
 - Teaching second semester engineering calculus with a computer algebra component (Maple).
 - Managing the computer grading of departmental common examinations.
3. IMSL, Inc.
High Performance Computing Department
(Aug 1990–Jan 1993; Sugarland, TX)
Software Engineer
 - Design, develop, and test mathematical software in Fortran 77 and Fortran 90 for vector, multitasking, and massively parallel computers.
4. IMSL, Inc.
Library Development Department
(Jun 1988–Jul 1990; Houston, TX)
Mathematical Programmer
 - Develop, test, and maintain new and existing mathematical software for the IMSL MATH/LIBRARY in Fortan 77 for serial computers; consult with users.
5. Texas A&M University
Department of Mathematics
(Jun 1985–May 1988; College Station, TX)
Graduate Teaching Assistant; Lecturer
 - Teaching lab sections of calculus and numerical analysis courses.
6. Oakland University
Mathematics Department
(Jan 1983–Apr 1983; Sept 1984–Apr 1985; Rochester, MI)
Instructor
 - Teaching calculus to business and social science students.
7. General Motors Corporation
Engineering Information Systems
Engineering Computer Applications Department
(Mar 1980–Dec 1984; Warren, MI)
Senior Programmer
 - Program, test, document, and maintain engineering and commercial automotive computer applications; consult with users.

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4 Awards

- 2004: Distinguished Achievement College of Science Teaching Award (from the Association of Former Students at Texas A&M University)
- 2002: Certificate of Appreciation for Teaching, Support, and Counseling of Students (from the Corps of Cadets at Texas A&M University)
- 1997: Outstanding Service Award (from the Department of Mathematics at Texas A&M University)
- 1995: Outstanding Teaching Award (from the Department of Mathematics at Texas A&M University)

5 Hobbies

- Computers and calculators
- Reading
- Shortwave and satellite radio—listening to international broadcasts
- Art appreciation—visiting galleries, studios, and museums

6 References

Furnished upon request