

VITAE

WESLEY D. SCOTT

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EDUCATION

Ph.D. in Industrial Engineering; May 2004; Texas A&M University, College Station, TX,
Dissertation Title: "A Flexible Control System for Flexible Manufacturing
Systems," Major advisor: Jeffrey S. Smith.

M.S.E., in Mechanical Engineering, December 1992, Purdue University, West Lafayette,
IN, Thesis Title: "Experimental Simulation of Refrigerator Steady-State
Operation using Alternative Cycles and Alternative Refrigerants," Major
advisor: David R. Tree.

B.S., in Chemical Engineering, June 1985, Oregon State University, Corvallis, OR

EMPLOYMENT HISTORY

Jan 2006 – Current, Quality Auditor, SOS Staffing/NAMPAC, Bryan, TX

Jul 2005 – Aug 2005, Industrial Painter, Wimmer Temporaries, Highland, IN

May 2005 – Jun 2005, Temporary Laborer, Labor Ready, Bryan, TX

Mar 2002 – May 2004, Night Auditor, E-Z Travel Motor Inn, College Station, TX

Jan 2000 – Aug 2000, Grad Asst Lecturer, Engineering Technology & Industrial
Distribution, Texas A&M University, College Station, TX

Jan 1999 – Jan 2000, Grad Asst Research, Industrial Engineering Department, Texas
A&M University, College Station, TX

Sep 1997 – Dec 1998, Grad Asst Teaching, Industrial Engineering Department, Texas
A&M University, College Station, TX

Sep 1996 – Jan 1997, Grad Asst Teaching, Engineering Technology & Industrial
Distribution, Texas A&M University, College Station, TX

Mar 1996 – Aug 1996, Grad Asst Research, Civil Engineering Department, Texas A&M
University, College Station, TX

Sep 1994 – Aug 1997, National Defense Science and Engineering Graduate Fellow,
American Society for Engineering Education

Jun 1993 – Aug 1994, Grad Asst Research, Civil Engineering Department, Texas A&M
University, College Station, TX

Jan 1990 – Mar 1993, Bioenvironmental Engineer, 122nd Tactical Hospital, Indiana Air National Guard, Fort Wayne, IN

Sep 1989 – Aug 1991, Grad Research Asst, School of Mechanical Engineering, Purdue University, West Lafayette, IN

Apr 1986 – Aug 1989, OIC, Industrial Hygiene (Bioenvironmental Engineer), Scott Medical Center, United States Air Force, Scott AFB, IL

PROFESSIONAL AND HONORARY SOCIETIES

Tau Beta Pi

Texas Society of Professional Engineers, Texas A&M Student Chapter, Treasurer, 1995-1996

American Society of Civil Engineers, Texas A&M Student Chapter, Lunar Shelter Contest Committee Chair, 1993-1994

HONORS AND AWARDS

National Defense Science and Engineering Graduate Fellowship, 1994-1997

Texas A&M University, Regents' Graduate Fellowship, 1993-1994

PUBLICATIONS

Refereed Journal Publications

Boles, W., Bernold, L. (NC State), and Scott, W., "SPACE 94 Student Robotics Contest," the *Journal of Professional Issues in Engineering Education and Practice*, American Society of Civil Engineers, Vol. 121 No. 4 pp. 225 - 235, October 1995.

Boles, W., Maxwell, D., Scott, W., Heermann P., (Sandia National Laboratories), Yarborough, T. (TxDOT), and Underwood, J. (TxDOT), "Construction Automation and Robotics--A Pathway to Implementation," *Journal of Construction Engineering and Management*, American Society of Civil Engineers, Vol. 121 No. 1 pp. 143 - 152, March 1995.

Boles, W., Scott, W., and Connolly, J., "Excavation Forces in a Reduced Gravity Environment," *Journal of Aerospace Engineering*, American Society of Civil Engineers, Vol. 10 No. 2 pp.1 - 5, April 1997.

Scott, W., Berrios, I., and Boles, W., "An Educational Mobile Robot," *Microcomputers in Civil Engineering*, Vol. 10 No. 3 pp. 243 - 249, May 1995.

Scott, W. and Boles, W., "Emerging High Tech Areas of Civil Engineering Attract Women," *Journal of Professional Issues in Engineering Education and Practice*, American Society of Civil Engineers, Vol. 122 No. 1 pp. 42 - 43, January 1996.

Conference Papers / Presentations

Scott, W. D., "A Flexible Cell Controller -- Neural Nets meet Petri Nets", Poster and Ph.D. Colloquium at the 1999 Winter Simulation (WINTERSIM) Conference.

Scott, W. D., Tree, D. R., and Hamilton, J. F., "Experimental Simulation of a Household Refrigerator Using Alternative Refrigerants and Cycles," *XVIII th International Congress of Refrigeration*, Montreal, Aug 10-17, 1991.

Other Papers

Boles, W., Maxwell, D. A., Heermann, P. D. (Sandia National Laboratories), Scott, W. D., Adams, R. W., Flickinger, C. J., Gallegos, R. M., and Mannering, J. A., "Applications of Robotics and Other Automated Techniques to the Construction, Maintenance, and Inspection of Highway Systems," Texas Department of Transportation, Research Report Number 1440-1F, FHWA/TX-93/1440-1F, Nov 1993

SERVICE

National Organizations

University/College/Departmental

Youth Adventure Program

1998 Computer Numerical Control Machining with MasterCAM

Texas Alliance for Science, Technology & Mathematics Education Presentations

1998 Texas A&M Computer Aided Manufacturing Tour

1997 Digging Holes in the Moon -- How and Why

Community

Brazos Valley Doberman Rescue, Inc.

May 2002 – Jan 2004, Volunteer webmaster

God's Little Creatures Rescue

July 2004 – May 2005, Volunteer Petfinder.com administrator

Publication/Book Reviewing

Substitute Reviewer

IEEE Transactions on Automatic Control

TEACHING

Courses taught (Texas A&M University):

INEN 302 Economic Analysis of Engineering Projects

ENTC 410 Industrial Automation

ENTC 412 Production and Inventory Planning

Courses assisted (Texas A&M University):

INEN 655 Control Issues in Computer Integrated Manufacturing