

FACULTY VITAE

1. Name: Joseph D. (Joe) Dumas II

2. Education

Degree	Discipline	Institution	Year
B.S.	Electronics Engineering Technology	University of Southern Mississippi	1984
M.S.	Electrical Engineering	Mississippi State University	1989
Ph.D.	Computer Engineering	University of Central Florida	1993

3. Academic experience

Institution	Rank	Dates Held	FT/PT
U. of Tennessee at Chattanooga	Professor	2005 – present	FT
U. of Tennessee at Chattanooga	Associate Professor	1999 – 2005	FT
U. of Tennessee at Chattanooga	Assistant Professor	1993 – 1999	FT
University of Central Florida	Graduate Assistant	1989 – 1993	PT
Mississippi State University	Graduate Assistant	1986 – 1989	PT
U. of Southern Mississippi	Visiting Instructor	1985 – 1986	FT

4. Non-academic experience

Organization	Title	Duties	Dates	FT/PT
NASA Marshall Space Flight Center, Huntsville, AL	Summer Faculty Fellow	Research in virtual environment lab	May – August 1996, 1997, 2000, 2001	FT (summer only)
UCF Institute for Simulation and Training, Orlando, FL	Graduate/Postdoctoral Research Assistant	Research in virtual environment lab	1993	PT
Seismic Engineering Company, Dallas, TX	Product Line Engineer	Responsible for hardware & software development for a microprocessor-based instrument controller	1984 – 1985	FT

5. Certifications or professional registrations: N/A

6. Membership in professional organizations:

Institute of Electrical and Electronics Engineers, IEEE Computer Society (not current)

7. Honors and awards

- *Alpha Society*, UTC academic honor society (inducted 2013).
- *Star Service Award*, Department of Computer Science and Engineering, 2013.
- *Upsilon Pi Epsilon*, Computer Science honor society (inducted 2003).
- *Outstanding Computer Science Teaching Award* (UTC departmental award), three-time recipient: December 1998, November 2002, April 2009.
- *Link Foundation Fellowship in Advanced Simulation and Training*, 1991 – 1992.
- *Eta Kappa Nu*, Electrical Engineering honor society (inducted 1989).
- *Tau Beta Pi*, Engineering honor society (inducted 1988).
- *Tau Alpha Pi*, Engineering Technology honor society (inducted 1983).
- *Omicron Delta Kappa*, national leadership honor society (inducted 1982).

8. Service activities

- Board member, Chattanooga Track Club, 2013 – 2015
- U. S. Chess Federation Senior Tournament Director
- Departmental Scheduling Coordinator; Rank, Tenure, and Reappointment Committee (former chair); Assessment Committee; Computer Engineering Curriculum Committee (chair); all current. Former acting department head (2007 – 2008) and graduate program coordinator (2004 – 2008).
- College of Engineering and Computer Science Curriculum Committee; Scholarships Committee (both current).
- Served as Special Assistant to the Dean of the Graduate School (acting as the associate dean while that person served as the interim dean), May 2008 – August 2010.
- University committees include the Provost Search Committee, Departmental Honors Committee, and Parking Authority Committee (current); Integrated Studies Committee, Academic Standards Committee, *ad hoc* Calendar Committee, and President of the University Club (recent); and numerous other committees (including the Instructional Excellence Committee, Graduate Council [chairman for two years], the University Planning and Resources Advisory Council, and multiple terms as a Faculty Senator) during my tenure at UTC.

9. Publications and presentations from past five years

- Dumas, Joseph. “Learning With “Hands-On” Computer Architecture Projects When You Don’t Have Real Hardware” presented at the Consortium for Computing Sciences in Colleges: Southeastern conference, 2013.
- Dumas, Joseph. Chapter 22, “Performance Enhancements” in *Computing Handbook, Third Edition: Computer Science and Software Engineering* edited by Teofilo Gonzalez, Jorge Diaz-Herrera, and Allen Tucker; copyright 2014 by Chapman and Hall/CRC, ISBN 978-1-4398-9852-9.

10. Recent professional development activities

- Paper referee for the Consortium for Computing Sciences in Colleges: Southeastern conference (2012-2015)
- Selection committee member, Link Foundation Fellowships in Advanced Simulation and Training, 2001 – present
- Session chair, ACM Mid-Southeast Conference, 2014

- MATLAB Virtual Conference, 2012
- SIGCSE Symposium, 2009