

TEACHING EXPERIENCE **University of Notre Dame**, Notre Dame, Indiana
Instructor: Computer Architecture II 2006, 2007, 2010
 • Full responsibility for course.

Teaching Assistant: Computer Architecture I & II 2003-2004
 • Responsible for lab instruction and grading of labs and homeworks.

COMPUTING SKILLS **Languages:** C, Matlab, XML, shell scripting, MIPS assembly, CUDA
OS: Mac OS X (primary), Linux (regularly), Windows (occasional)
Other: LaTeX, MS Office, Condor (grid/distributed computing),
Sun Grid Engine (batch computing)

HONORS AND AWARDS Upsilon Pi Epsilon, Inducted 2004 (Inaugural induction)
 Eta Kappa Nu, Inducted 2002

PROFESSIONAL ORGANIZATIONS ACM: Association for Computing Machinery (Since 2004)
 IEEE: Institute for Electrical and Electronics Engineers (Since 2003)
 • IEEE-Computer Society

SERVICE Reviewer for multiple journals.
 Habitat for Humanity Notre Dame Student Chapter
 • Former construction coordinator and advisor (One home constructed per
 year for 15+ years).

PUBLICATION RECORD Papers under revision/in preparation: 2 (2 lead author)
 Published/accepted journal papers: 4 (3 lead author)
 Published/accepted refereed conference and workshop papers: 12 (8 lead author)
 Theses, technical reports, and white papers: 5 (5 lead author)
 Invited talks: 1
 Listing available at www.nd.edu/~tdysart/ under "Research Info"

LAST UPDATED July 21, 2011