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Research Interests

VLSI signal processing; biomedical circuits and systems; embedded software; and hardware/software co-design.

Education

Ph.D.	Electrical Engineering and Computer Sciences, University of California at Berkeley,	1994
B.S.	Electrical and Computer Engineering, and Computer Science University of Wisconsin at Madison,	1987

Academic Positions

2006–present	Professor, Dept. of Electrical and Computer Engineering, University of Maryland, College Park, MD.
2001–present	Affiliate Faculty Appointment, Dept. of Computer Science, University of Maryland, College Park, MD.
1997–present	Joint Faculty Appointment, Institute for Advanced Computer Studies (UMIACS), University of Maryland, College Park, MD.
2001–2006	Associate Professor, Dept. of Electrical and Computer Engineering, University of Maryland, College Park, MD.
1997–2001	Assistant Professor, Dept. of Electrical and Computer Engineering, University of Maryland, College Park, MD.

Industrial Positions

- Consultant to a number of companies.
- Researcher, Semiconductor Research Laboratory, Hitachi America, San Jose, CA, 1994-1997.
- Compiler developer, Kuck & Associates, Champaign, IL, 1991-1992.

Honors

- 2006, Nokia Distinguished Lecturer
- 2005, Fulbright Senior Specialist
- 2001, IEEE Senior Member
- 1998, National Science Foundation CAREER Award

Publications

Co-author or co-editor of four books, and author or co-author of over 100 refereed technical articles. More details are available at <http://dpserv.eng.umd.edu/pub/dspcad/papers/CONTENTS.html>.