

Wei Zhang, Ph.D.

Professor, Department of Electrical and Computer Engineering at VCU College of Engineering

Engineering West Hall, Room 214, Richmond, VA, US

Dr. Zhang's research interests lie at the intersection of compilers and computer architectures

Description

Dr. Zhang is a professor and director of computer engineering program at the Department of Electrical and Computer Engineering of Virginia Commonwealth University. He received his Ph.D. in Computer Science and Engineering in August 2003 from Pennsylvania State University. He worked as an assistant professor, and then as a tenured associate professor in the Electrical and Computer Engineering Department of Southern Illinois University Carbondale from 2003 to 2010 before he joined VCU in 2010.

Dr. Zhang's research interests lie at the intersection of compilers and computer architectures, with a particular focus on real-time and high-performance embedded computing systems. Dr. Zhang has developed novel compiler analysis and optimization, architecture, and hybrid compiler/architectural techniques for real-time and embedded computing systems to meet the stringent constraints on time predictability, energy efficiency, reliability, and/or performance. Dr. Zhang's research has been funded by both federal/state governments and industry, including numerous NSF grants and funding from IBM and Intel.

Industry Expertise

Research, Education/Learning

Topics

Real-time and embedded computing systems, Compiler, Computer Architecture, Power-aware computing, Parallel Computing

Affiliations

Education

Pennsylvania State University

Ph.D. Computer Science and Engineering

Institute of Software, Chinese Academy of Sciences

M.S. Computer Science

Peking University

B.S. Computer Science

Accomplishments

Excellence Through Commitment Outstanding Scholar Award for the College of Engineering
Awarded by Southern Illinois University.

Excellence Through Commitment Undergraduate Teaching Enhancement Award
Awarded by Southern Illinois University.

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