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at
Indiana University South Bend

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Areas of specialization:

- Computer Networks
- Artificial Intelligence
- Algorithm Analysis
- Database Systems
- Computer Graphics
- Program Efficiency
- Software Engineering
- Operating Systems
- Parallel and Distributed Processing

Faculty and Their Research Interests:

Hakimzadeh, Hossein, Ph.D. in Computer Science (North Dakota State University, 1993). Research interests: database management systems; operating systems; distributed systems; object-oriented software engineering.


Russo, John, Ph.D in Mathematics (Florida State University, 1965). Research interests: program efficiency; software engineering.

Scheessele, Mike, Ph.D. in Quantitative and Mathematical Psychology (Purdue University). Research interests: Cognitive science and artificial intelligence, especially psychologically plausible artificial vision and problem-solving systems. Additional interests include software engineering, information systems, and information assurance and security issues.

Schwartz, Ruth Bolotin, Ph.D in Business Administration with a double major in Computer Information Systems and Operations Research (Temple University). Teaching and research interests: Curriculum development, database systems, enterprise resource planning, and programming languages.

Surma, Dave, Ph.D. in Computer Science and Engineering (University of Notre Dame 1998). Research interests: Parallel and Distributed Computing, Multimedia applications, Computer Architectures, High-Performance Networks, and Software tools for parallel and distributed computing systems.

Vrajitoru, Dana, D.Sci in Computer Science (University of Neuchâtel, 1997). Research interests: genetic algorithms; scientific visualization; parallel computation; information retrieval; artificial intelligence.

Wolfer, James, Ph.D. in Computer Science (Illinois Institute of Technology, 1993). Research interests: harnessing the power of naturally inspired computation to solve real-world problems, visualization in science and medicine, cognitive science and computer science education.

Degrees and certificates offered:

Undergraduate:
- B.S. in Computer Science
- A.S. in Computer Science (2 year degree)
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- Certificate in Advanced Computer Programming

Graduate:
- M.S. in Applied Mathematics and Computer Science
- M.S. in Management of Information Technology

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