IOWA STATE UNIVERSITY

Department of Computer Science

Pavan Aduri, Professor

Areas of expertise: Algorithms, Computational Theory and Complexity, Big Data Analytics

Abraham Aldaco, Assistant Teaching Professor

Areas of expertise: Machine Learning, Data Science, Statistics

Forrest Sheng Bao, Assistant Professor

Areas of expertise: Natural Languag Processing (NLP), Electronic Design Automation (EDA), Applied Machine Learning in Biology and Medicine

Samik Basu, Professor

Areas of expertise: Formal Methods, Model Checking

Georgi Batinov, Assistant Teaching Professor

Areas of expertise: User Modeling, Quantitative Human-Computer Interaction

Sourabh Bhattacharya, Graduate Faculty in Computer Science, Affiliate Assistant Professor

Areas of expertise: Robotics, Motion Planning

Ying Cai, Associate Professor

Areas of expertise: Databases, Networks, Privacy and Safety

Soma Chaudhuri, Associate Professor, Associate Chair for Education

Areas of expertise: Theory of Distributed Computing, Algorithms and Lower Bounds

Gianfranco Ciardo, *Professor*

Areas of expertise: Model Checking and Verification, Probabilistic Models, Petri Nets

Myra Cohen, Professor, Lanh & Oanh Nguyen Endowed Chair of Software Engineering

Areas of expertise: Software Engineering, Software Testing

Oliver Eulenstein, Professor

Areas of expertise: Computational Biology, Bioinformatics, Combinatorial Optimization

David Fernández-Baca, Professor, Dale D. Grosvenor Chair

Areas of expertise: Combinatorial Algorithms, Phylogenetics, Sensitivity Analysis

Hongyang Gao, Assistant Professor

Areas of expertise: Machine Learning, Deep Learning

Mengdi Huai , Assistant Professor

Areas of expertise: Machine Learning, Data Mining, Security and Privacy

Xiaoqiu Huang , Professor

Areas of expertise: Bioinformatics

Ali Jannesari , Assistant Professor

Areas of expertise: Parallel Computing and HPC, Deep Learning, Software Engineering



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Department of Computer Science

Yan-Bin Jia, Professor

Areas of expertise: Robotics, Manipulation and Control, Mechanics

James Lathrop, Assistant Professor

Areas of expertise: Molecular Programming, Information Theory, HCI and Computer Gaming

Wei Le, Associate Professor

Areas of expertise: Program Analysis, Software Engineering, Deep Learning

Qi Li , Assistant Professor

Areas of expertise: Data Mining, Text Mining, NLP

Jack Lutz , Professor

Areas of expertise: Theoretical Computer Science, Molecular Programming

Neil Lutz, Affiliate Assistant Professor

Areas of expertise: Computer Science

Robyn Lutz, Professor

Areas of expertise: Software Engineering, Molecular Programming, Safety-Critical Systems and Product Lines

Andrew S. Miner, Associate Professor

Areas of expertise: Model Checking and Verification, Petri Nets

Simanta Mitra, Teaching Professor

Areas of expertise: Software Systems, Software Engineering Technologies

Meisam Mohammady, Assistant Professor

Areas of expertise: Differential Privacy, Secure Federated Learning, Responsible AI

Gurpur Prabhu, Associate Professor

Areas of expertise: Parallel Processing, Information Integration and Information Retrieval, Applications of Special Relativity

Christopher Quinn, Assistant Professor

Areas of expertise: Machine Learning, Probabilistic Models, Information Theory

Hridesh Rajan, Professor, Department Chair

Areas of expertise: Data Science, Programming Languages, Software Engineering

Guang Song, Associate Professor

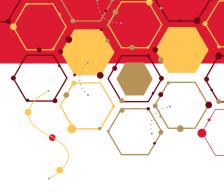
Areas of expertise: Computational Structural Biology

Adisak Sukul, Associate Teaching Professor, Coordinator for Industrial and Alumni Relations - Department of Computer Science

Areas of expertise: AI, Machine Learning, Data

Matthew Tancreti, Assistant Teaching Professor

Areas of expertise: Internet of Things, Embedded Systems, Software Engineering





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Department of Computer Science

Wallapak Tavanapong , Professor

Areas of expertise: Data Science, Applied Machine Learning, Multimedia Systems

Jin Tian , Associate Professor

Areas of expertise: AI, Machine Learning, Casual Inference

Tichakorn (Nok) Wongpiromsarn , Assistant Professor

Areas of expertise: Formal Methods, Control Theory, Autonomous Systems

Wensheng Zhang , Associate Professor

Areas of expertise: Networks, Cloud Computing, Applied Cryptography

Zhu (Drew) Zhang, Graduate Faculty in Computer Science, Affiliate Associate Professor

Areas of expertise: Natural Language Processing, Information Retrieval, Machine Learning



