

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 Language 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*

Hridayesh 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*