Sai Zhang

Assistant Professor at University of Florida

Gainesville, FL, US

Sai Zhang's research leverages machine learning and big biomedical data to decode complex human diseases and advance precision medicine.

Biography

Sai Zhang is an assistant professor at the Department of Epidemiology. His research lies at the interface of machine learning, genomics and precision medicine. Sai's long-term goal is to build artificial intelligence systems to assist scientific discovery, clinical decision making and personal health management. The focus of his ongoing research is the development of machine learning algorithms (e.g., deep learning and probabilistic graphical models) which exploit massive genetic, multiomic and clinical data to uncover the genomic basis of complex human diseases.

Areas of Expertise

Computational Biology, Computational Genomics, Machine Learning, Precision Medicine, Statistical Genetics

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