



Andrew Andai Chien

Visiting Professor, Computer Science

Bio

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Andrew A Chien is visiting Stanford on sabbatical for 2024-25 AY. At the University of Chicago, he is the William Eckhardt Distinguished Service Professor of Computer Science and Senior Scientist at Argonne National Laboratories. He has led the Zero-carbon Cloud project since 2015, and is known for his research on datacenters, renewable energy and sustainability, cloud resource management and software, large-scale system architecture, and graph computing architecture. Chien is leader of the IARPA funded “UpDown System Project”, designing breakthrough scalable graph analytics systems. Chien has received numerous recognitions for research. Dr. Chien currently serves on the NSF CISE Advisory Committee and DARPA ISAT. He is a Fellow of the ACM, IEEE, and AAAS. He served as EiC of Communications of the ACM, 2017-2022, and Vice President of Research at Intel Corporation from 2005-2010. He served as SAIC Chair Professor of University of California, San Diego and earlier as faculty at the University of Illinois. He received BS, MS, and PhD degrees from the Massachusetts Institute of Technology.

His UChicago home page is <https://cs.uchicago.edu/people/andrew-a-chien/>