

Social Computing and Decentralized Artificial Intelligence

CSC 455 and CSC 555

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Fall 2025

Bio Highlights and Humble Bragging

► Students

- Graduated PhD: 36; MS: 41
- Alumni Hall of Fame: Nimit Desai, Michael Maximilien, Pinar Yolum
- Faces of Computer Science (EB2 hall): Chris Hazard
- Rising Star Alumnus: Chris Hazard, Anup Kalia
- Associate Editors: Amit Chopra, Michael Maximilien, Pinar Yolum
- CGS MS Thesis Award: Payal Chakravarty; nominee: Anup Kalia
- Dept awards. 2025: Vaibhav Garg; 2024: Divya Sundaresan; 2023: Samuel Christie, Vaibhav Garg, Amanul Haque, Jiaqing Yuan; 2021: Amanul Haque, Parth Diwanji; 2020: Hui Guo; 2019: Nirav Ajmeri; 2017: Nirav Ajmeri, Hui Guo, Pradeep Murukannaiah; 2016: Pradeep Murukannaiah

► NCSU Internal

- Outstanding Graduate Faculty Mentor, Research Leadership Academy, Alumni Distinguished Graduate Professor, Outstanding Research Achievement

► External

- Member (honoris causa), Academia Europaea
- Fellow, American Association for the Advancement of Science
- Fellow, Association for the Advancement of Artificial Intelligence
- Fellow, Association for Computing Machinery
- Fellow, Institute of Electrical and Electronics Engineers
- ACM/SIGAI Autonomous Agents Research Award
- IEEE TCSVC Research Innovation Award
- IFAAMAS Influential Paper Award
- Editor in Chief: (ACM TOIT, IEEE Internet Computing)

My Goal and Request for Your Help

- ▶ Introduce you to deep concepts, some years in the making in the research and advanced development community
- ▶ Introduce you to critical thinking
- ▶ Boost your confidence in taking on technical challenges
 - ▶ You might hesitate to take on otherwise
 - ▶ Your peer group might find overwhelming
- ▶ Offer free advice (worth every pennySM) about your
 - ▶ Education
 - ▶ Career
- ▶ How you can help
 - ▶ Don't take ethically dubious actions
 - ▶ Stay engaged
 - ▶ Communicate with me personally, especially about
 - ▶ Explanations and motivations
 - ▶ Improvements to the course, in general

Mechanics

- ▶ Scope
- ▶ Grading
- ▶ Policies
 - ▶ Especially, academic integrity
 - ▶ Don't help; don't take help; don't collude

Bloom's Taxonomy of Learning Domains (Cognitive)

I emphasize the upper categories

Creating	Build new structures
Evaluating	Make judgments
Analyzing	Identify elements
Applying	Use on a problem
Understanding	State in own words
Remembering	Recall

► <http://www.nwlink.com/~donclark/hrd/bloom.html>