

# Social Computing and Decentralized Artificial Intelligence

CSC 455 and CSC 555

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# Bio Highlights and Humble Bragging

## ▶ Students

- ▶ Graduated PhD: 34; MS: 41
- ▶ Inaugural Alumni Hall of Fame: Nirmal Desai, Pinar Yolum
- ▶ Inaugural 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. 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 Award, Research Leadership Academy, Alumni Distinguished Graduate Professor, Outstanding Research Achievement Award

## ▶ 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 Transactions on Internet Technology, 2012–2018
  - ▶ IEEE Internet Computing, 1999–2002

## 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 penny<sup>SM</sup>) 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>