

## By the Numbers

**Faculty:** 46 tenure track, 15 clinical and faculty of instruction, one senior lecturer, one research faculty member, and 30 affiliated faculty

**Enrollment:** 10,212 (AY 2024-25)

**Undergraduate Students:** 722 majors, 94 minors

**Artificial Intelligence Minor:** 41 students

**Machine Learning and Data Science Minor** (joint with Industrial Engineering and Management Sciences): 71 students

**Graduate Students:** 203 MS and 152 PhD

**MBAi** (joint with the Kellogg School of Management): 74 students

**MSAI:** 94 students

**PhD in Computer Science and Learning Sciences** (joint with the School of Education and Social Policy): 20 students

**PhD in Technology and Social Behavior** (joint program in CS and Communication): 24 students

## New Faculty

### Core Tenure-Track CS Faculty



**Sidhanth Mohanty**, Assistant Professor of Computer Science algorithms, complexity, and probability theory



**Ruohan Zhang**, Assistant Professor of Computer Science embodied AI, human-robot interaction, brain-computer interfaces, cognitive science

### Pioneer Assistant Clinical Professor of Computer Science



**Lydia Tse**  
software engineering

### Tania and Carter Neild Visiting Professor



**Shaddin Dughmi**  
new algorithmic techniques, the power and limitations of algorithms

## New Research Centers

The [Northwestern Network for Collaborative Intelligence](#) (NNCI), led by co-directors **V.S. Subrahmanian** and **Abel Kho**, is a vibrant community of experts dedicated to advancing responsible, high-impact, world-class research and education in data science and AI.

**Brenna Argall** and **Elizabeth Gerber** are collaborators with [Human Augmentation via Dexterity \(HAND\)](#), a new US NSF Engineering Research Center dedicated to revolutionizing the ability of robots to amplify human labor.

The [NSF-Simons AI Institute for the Sky](#) will develop AI tools and accelerate astronomy's data-driven revolution. **Aggelos Katsaggelos** (co-PI), **Emma Alexander**, **Jessica Hullman**, **Han Liu**, **Aravindan Vijayaraghavan**, and **Ermin Wei** are members of the multidisciplinary team.

## Undergraduate Program

Reflecting Northwestern's institutional priorities around data analytics and artificial intelligence, non-CS undergraduate students can engage deeply with the core scientific concepts behind AI technologies through the new [minor in artificial intelligence](#).

Students in the recently expanded [Machine Learning and Data Science Minor](#) gain hands-on experience with visual models and techniques used for collecting, cleaning, and analyzing data.

Our new [Research Track](#) is designed to provide third-year students majoring in computer science with a structured and mentored introduction to the research process.

Undergraduate students in computer science have the opportunity to declare an optional [major concentration](#) in one of the following sub-fields:

- Artificial Intelligence
- Computer Hardware and Architecture
- Foundations
- Human-Computer Interaction
- Robotics
- Security and Privacy
- Software Engineering and Programming Languages
- Systems

**Zach Wood-Doughty** is the PI of a US NSF REU Site ([CCF-2447155](#)). The eight-week summer program introduces undergraduate students to a rigorous research environment in which they will develop the skills and confidence to conduct computer science research at the intersection of artificial intelligence, security, and privacy.



## Awards and Honors

The Northwestern CS community is recognized for their accomplishments in research, education, and mentorship.

**Karan Ahuja** and the Google Android XR team won an ACM SIGCHI Special Recognition Award.

**Nivedita Arora** was named an 'Emerging Rockstar' by *IEEE Pervasive Computing* magazine.

JD/CS PhD student **Peter Chan** and **Xiao Wang** earned the Best Paper Award at the 2025 ACM Symposium on Computer Science and Law.

**Brian Chen**, **Kevin Hayes**, **Sean Rhee**, and **Marko Veljanovski** received honorable mentions in the CRA 2024-2025 Outstanding Undergraduate Researcher Award competition.

**Edith Elkind** joined the editorial team of the *Journal of Artificial Intelligence Research* as an editor-in-chief.

PhD student **Tochukwu Dominic Eze** was inducted into the 2025 cohort of the Edward A. Bouchet Graduate Honor Society.

**Julia Gaudio** and **Sam Kriegman** received a US National Science Foundation CAREER Award.

**Elizabeth Gerber** was inducted into the ACM SIGCHI Academy Class of 2025.

Northwestern's Center for Advancing Safety of Machine Intelligence, directed by **Kristian Hammond**, was named one of 22 top innovators at the Chicago Innovation Awards.

**Jason Hartline** earned a 2025 Clarence Ver Steeg Graduate Faculty Award.

**Michael Horn** was honored with a 2025 University Teaching Award.

PhD student **Rashna Kumar** won a 2025 Internet Society Pulse Research Fellowship.

Computer science and learning sciences PhD student **Mora Labisi** and technology and social behavior PhD student **Kevin Ouyang** earned 2024 NSF CSGrad4US Fellowships.

PhD students **Peizhi Liu** (BS/MS '23) and **David Matthews** and **Andrew Shen** (MSAI '24) were awarded a US NSF Graduate Research Fellowship.

**Sid Mohanty** earned the Best Paper Award at IEEE FOCs 2025.

**Xiao Wang** was named a Sloan Research Fellow.