

# Arman Behnam

Computer Science PhD Candidate at Illinois Institute of Technology

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## EDUCATION

### Illinois Institute of Technology

Computer Science Ph.D. student; College of Computing, Department of Computer Science

Research subject: Causal AI Reasoning; GPA: 3.7

Chicago, IL, USA

January 2023 – Present

Advisor: Binghui Wang

## WORK EXPERIENCE

### Quis, Inc.

Co-Founder

New York, NY, USA

July 2025 – Present

### Clarkwestern Dietrich Building Systems LLC

AI Engineering Intern

Merrillville, IN, USA

May 2025 – September 2025, Full-time

### Mayo Clinic

AI Research Scientist Intern (Department of Artificial Intelligence & Informatics)

Rochester, MN, USA

May 2024 – August 2024, Full-time

### Golrang Industrial Group

Founding Head of Data Science Department

Tehran, Iran

October 2021 – October 2022, Full-time

### Mobarakeh Steel Company

AI Engineer

Esfahan, Iran

October 2020 – October 2021, Part-time

## SKILLS

Python (PyTorch, TensorFlow, Keras, Scikit-Learn, FastAPI, OpenCV, LangChain, spaCy, NLTK), C, Java, SQL, R, Docker, Kubernetes, Git, MLflow, Ray, Azure ML, MySQL, PostgreSQL, LlamaHub, n8n, Azure DevOps, Lucid, Ollama, Cloud platform (GCP), MongoDB, Neo4j

## PROJECTS

My Leetcode and Solutions (200 Problems)

in Python and Java

Hands-on OCR and RegEx Pattern Matching

Modular Document Processing Engine

Threads and User Programs in OS

Bochs and QEMU within Docker environment

## PUBLICATIONS

### Measure-Theoretic Anti-Causal Representation Learning

39th Conference on Neural Information Processing Systems, December 2025 (Second year Ph.D. Research)

Code, Web, Poster

### Causal Explanation from Mild Cognitive Impairment Progression Using GNNs

IEEE International Conference on Bioinformatics and Biomedicine, December 2024 (Internship Research)

Video, Code

### Graph Neural Network Causal Explanation via Neural Causal Models

18th European Conference on Computer Vision, October 2024 (First year Ph.D. Research)

Video, Code, Poster

## ACADEMIC EXPERIENCE

NeurIPS 2026 (Silver Reviewer), ICML 2026, NeurIPS 2025

Peer Reviewer

Grading programming assignments and final projects

Teaching Assistant

"Data Privacy and Security" CS528, "Machine Learning" CS484, "Data Structures (by Java)" CS401

American Journal of Lifestyle Medicine, SAGE Journals

Editorial Board

JAMA Network, Journal of Primary Prevention, Journal of General Internal Medicine

Peer Reviewer

## HONORS AND AWARDS

Paper Lightning Talk and Poster Presentation

Indiana University

10th Midwest Security Workshop

September 22nd, 2025

Paper Lightning Talk and Poster Presentation

Toyota Technological Institute at Chicago

2024 NSF TRIPODS Workshop

December 7th, 2024

Paper Lightning Talk and Poster Presentation

Purdue University

9th Midwest Security Workshop

November 16th, 2024

Poster Presentation

Northwestern University

NSF Site Visit (IDEAL), IDEAL Workshop on Inference in High Dimensions

October 12th 2023, September 18th 2024, October 25th 2025