

Seyed Mohammad Pishbin

Ph.D. Student in Computer Science

Albany, NY, USA
+1 (860) 786 5082
spishbin@albany.edu
mohammadpishbin
MohammadPishbin

Summary

Ph.D. student in Computer Science at the University at Albany (SUNY), specializing in **adversarial graph learning** and **transfer learning**.

- Strong background in machine learning, data analysis, and software engineering.
- Experienced TA with teaching and mentoring skills.
- Certified in AI/ML technologies from AWS, Meta, Microsoft, and IBM.

Education

2024 – **Ph.D. in Computer Science**, *University at Albany (SUNY)*
Present

Experience

2024 – **Teaching Assistant**, *University at Albany (SUNY)*
Present

- Supported undergraduate and graduate courses in Java, Python, algorithms, and data science.
- Provided guidance to 100+ students through office hours and mentoring.
- Improved assignment quality and learning outcomes by offering targeted feedback.

Certifications

AWS DevOps and AI on AWS; CI/CD for Generative AI
Meta Data Analytics, Data Management, SQL, Python Analytics
Microsoft Generative AI Series: Data Analysis, Optimization, Visualization
IBM PyTorch, TensorFlow, Machine Learning with Python

Technical Skills

Programming Python, C++, SQL, Flutter
ML/AI PyTorch, TensorFlow, Scikit-learn, Generative AI
Tools Git, LaTeX, VS Code, Jupyter
Other Data Analysis, Visualization, Model Optimization

Research Interests

- Adversarial graph learning and robust GNNs
- Transfer learning and domain adaptation
- Deep learning and optimization in graph models
- Generative AI applications

Projects

Adversarial Graph Learning Designed methods for robust learning under adversarial attacks on graph-structured data. Applied differentiable representations and spectral regularization to improve resilience.

Deep Graph Convolutional Networks Developed scalable GCN architectures for graph classification and node prediction. Analyzed depth efficiency and theoretical limitations of GNNs.