Stanford

Negin Ashrafi

Ph.D. Student in Biomedical Data Science, admitted Summer 2026

Bio

BIO

I work on AI in healthcare, building on a background in Artificial Intelligence, Machine Learning, and Optimization. I completed my master's degree in Analytics at the University of Southern California and my bachelor's degree at Sharif University of Technology.

HONORS AND AWARDS

- Awarded Viterbi Graduate Students Full Scholarship, University of Southern California (2022, 2023, and 2024)
- Ranked 1st in the Class of 2022 among nearly 90 students, Sharif University of Technology (2022)

EDUCATION AND CERTIFICATIONS

- Master of Science, University of Southern California , Analytics (2024)
- Bachelor of Science, Sharif University of Technology , Industrial Engineering (2022)
- M.Sc., University of Southern California , Analytics (Focus on AI/ML and Optimization) (2024)
- B.Sc., Sharif University of Technology , Industrial Engineering (Focus on Data Science) (2022)

PERSONAL INTERESTS

Board games

Traveling

Hiking

Photography

Persian poetry

LINKS

- Linkedin: https://www.linkedin.com/in/neginashrafi/?isSelfProfile=true
- Google Scholar: https://scholar.google.com/citations?user=tffs3TEAAAAJ&hl=en&authuser=1
- Personal Site: https://negiiinx.github.io/
- ORCID: https://orcid.org/0009-0003-8414-2996

Publications

PUBLICATIONS

- **Enhanced prediction of ventilator-associated pneumonia in patients with traumatic brain injury using advanced machine learning techniques.** *Scientific reports*

Ashrafi, N., Abdollahi, A., Alaei, K., Pishgar, M.
2025; 15 (1): 11363

- **A machine learning-based prediction of hospital mortality in mechanically ventilated ICU patients.** *PloS one*
  Li, H., Ashrafi, N., Kang, C., Zhao, G., Chen, Y., Pishgar, M.
  2024; 19 (9): e0309383

- **Prediction of sepsis mortality in ICU patients using machine learning methods.** *BMC medical informatics and decision making*
  Gao, J., Lu, Y., Ashrafi, N., Domingo, I., Alaei, K., Pishgar, M.
  2024; 24 (1): 228