

Naeem Shahabi Sani

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🌐 LinkedIn

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Education

Ph.D. in Computer Science (Candidate)

Aug 2021 - Present

University of Oklahoma

Norman, OK, USA

M.Sc. in Artificial Intelligence

Sep 2016 – Sep 2018

Azad University, Tehran Science and Research Branch

Tehran, Iran

B.Sc. in Software Engineering

Sep 2010 – Sep 2014

Azad University

Iran

Experience

Graduate Teaching Assistant

Aug 2023 – Present

University of Oklahoma

Norman, OK

- Performed all regular duties of a teaching assistant for a class size of 40+, including occasional lectures, supervising study groups, holding office hours, and marking midterms/finals.
- Provided feedback and mentorship to improve student performance in core computer science courses.

MATLAB Instructor

Aug 2016 – Nov 2018

Pardis Nikan Educational Institute

Tehran, Iran

- Taught Neural Networks and bio-inspired metaheuristic algorithms at intermediate and advanced levels.

Graduate Teaching Assistant

Sep 2016 – Aug 2017

Tehran Science and Research Branch, Azad University

Tehran, Iran

- Assisted professors by conducting tutorials and grading exams for a class size of 40+.

IT Manager & Team Leader

Jan 2020 – Aug 2020

Mehrpoood Company

Tehran, Iran

- Oversaw the company's technology infrastructure for optimal performance.
- Managed a team responsible for technical support, software upgrades.

Research

Graduate Research Assistant

Aug 2021 – Jul 2023

University of Oklahoma

Norman, OK

- Developed a Python library for feature construction using genetic programming.
- Applied a bio-inspired optimization approach with imputation methods to UCI datasets for reducing missing values.

Graduate Research Assistant

Aug 2016 – Jul 2018

Tehran Science & Research Branch, Azad University

Tehran, Iran

- Investigated bio-inspired metaheuristic optimization methods for community detection in complex networks.
- Utilized a bio inspired (nature-based) metaheuristic to significantly enhance the accuracy and robustness of both clustering and classification methods.

Coursework

- **Graduate:** Machine Learning, Database Management Systems, Neural Networks, Discrete Optimization, Pattern Recognition, Advanced Artificial Intelligence, Computational Learning Theory, Digital Image Processing, Computer Security
- **Undergraduate:** Software Engineering I/II, Artificial Intelligence, C/C++ Programming, Principles of Database Design, Computer Graphics + Lab

Skills

- **Programming (10k+ lines):** Python, MATLAB, C++, C
- **Programming (5k+ lines):** Java, Azure SQL, Assembly
- **Familiar:** HTML/CSS, iOS, Android, PHP

Publications

1. N. Shahabi Sani, M. Manthouri, and F. Farivar. *A multi-objective ant colony optimization algorithm for community detection in complex networks*.
Journal of Ambient Intelligence and Humanized Computing, 11:5–21, 2020.
2. N. S. Sani and F. N. Tabriz. *A new strategy in trust-based recommender system using k-means clustering*.
International Journal of Advanced Computer Science and Applications, 8(1), 2017.