Naeem Shahabi Sani

📞 +1-405-493-3766   ✉ naeem.shahabi.sani@gmail.com   ✉ shahabi@ou.edu

in LinkedIn   ⭘ GitHub   🌐 *Webpage*

Education

Ph.D. in Computer Science (Candidate)   Aug 2021 - Present
University of Oklahoma   *Norman, OK ,USA*

M.Sc. in Artificial Intelligence   Sep 2015 – Sep 2018
Azad University, Tehran Science and Research Branch   *Tehran, Iran*

B.Sc. in Software Engineering   Sep 2009 – 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
Mehrpood 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.