

Naeem Shahabi Sani

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Education

Ph.D. in Computer Science (Candidate) <i>University of Oklahoma</i>	Aug 2021 - Jul 2023 <i>Norman, OK ,USA</i>
M.Sc. in Artificial Intelligence <i>Azad University, Tehran Science and Research Branch</i>	Sep 2016 – Sep 2018 <i>Tehran, Iran</i>
B.Sc. in Software Engineering <i>Azad University</i>	Sep 2010 – Sep 2014 <i>Iran</i>

Experience

Graduate Teaching Assistant <i>University of Oklahoma</i>	Aug 2023 – Present <i>Norman, OK</i>
<ul style="list-style-type: none">– 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 <i>Pardis Nikan Educational Institute</i>	Aug 2016 – Nov 2018 <i>Tehran, Iran</i>
<ul style="list-style-type: none">– Taught Neural Networks and bio-inspired metaheuristic algorithms at intermediate and advanced levels.	
Graduate Teaching Assistant <i>Tehran Science and Research Branch, Azad University</i>	Sep 2016 – Aug 2017 <i>Tehran, Iran</i>
<ul style="list-style-type: none">– Assisted professors by conducting tutorials and grading exams for a class size of 40+.	
IT Manager & Team Leader <i>Mehrpoood Company</i>	Jan 2020 – Aug 2020 <i>Tehran, Iran</i>
<ul style="list-style-type: none">– Oversaw the company's technology infrastructure for optimal performance.– Managed a team responsible for technical support, software upgrades.	

Research

Graduate Research Assistant <i>University of Oklahoma</i>	Aug 2021 – Present <i>Norman, OK</i>
<ul style="list-style-type: none">– 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 <i>Tehran Science & Research Branch, Azad University</i>	Aug 2016 – Jul 2018 <i>Tehran, Iran</i>
<ul style="list-style-type: none">– 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.