Resume

Ahmad Taghinezhad-Niar, PhD

Ph.D. in Computer Engineering

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EXPERIENCE

2017-2021	**University of Mohaghegh Ardabili** **LECTURER**	*Ardabil, Iran*

- Courses: Analysis and Design Systems- Operation Systems- Software Engineering- Database- Db Lab

2016-2018 2023-	**University of Tabriz,** **LECTURER**	*Tabriz, Iran*

- Courses : Analysis and Design Systems, Operation Systems, E-Commerce, Network Security, Computer Science

2019-2020	**Ravanertebat, AEC** **Back-end developer, Golang**	*Tehran, Iran*

- Libs & Frameworks: Eco, PostGre, RestFulAPI, MobaXterm

2020-2021	**Captains, fully remote** **Back-end developer, Golang**	*USA, Iran*

- Libs & Frameworks: MongoDB, Cassandra, PostGreSql, RestFulAPI, MobaXterm

2021-2023	***University Research and Innovation Center*** **Back-end developer, Python**	*Tehran, Iran*

- Libs & Frameworks:: Python, Django, Elasticsearch, Kibana, PostGreSql, Heroku, Numpy, Scikit, Pandas

EDUCATION

2017-2021	*UNIVERSITY OF TABRIZ*	*Tabriz, Iran*

Ph.D. in Computer Engineering
Supervisor: Prof. Saeid Pashazadeh- Prof. Javid Taheri
Thesis: QoS-aware Scheduling and Resource Provisioning for Scientific Workflows in Cloud
GPA: 19 (0-20)

2015-2017	*UNIVERSITY OF TABRIZ*	*Tabriz, Iran*

Master in Computer Engineering
Supervisor: Prof. Saeid Pashazadeh
Thesis: Improvement of online preemptive task scheduling for heterogeneous multi-cloud environment using prioritization

Resume

	GPA: 18.27 (0-20)	
2011-2015	*SHIRAZ TECHNICAL UNIVERSITY*	*Shiraz, Iran*
	Bachelor in Computer Engineering	
	GPA: 17.82 (0-20)	

SKILLS

- Programming Language: Python, Go, C#, Java, ML, Matlab, C /C++
- Databases: MongoDB, SQL Server- Access PostgreSQL, Cassandra, Elastic Search,Oracle
- Frameworks and Tools: Git, RESTful api, Teams, Jira, Cloudsim and WorkflowSim, Colored Petri Net(CPN-Tools),SciPy, Numpy
- Web Programming: HTML, ASP.NET, JavaScript
- IDE: VSCode MICROSOFT VISUAL STUDIO, ECLIPSE, Netbeans, Matlab
- TYPE SETTING: LATEX, Open Office, Microsoft Office
- Operation Systems: Microsoft Windows, Linux (Ubuntu), Android

PAPERS

- Taghinezhad-Niar, A., Taheri, J., (**2022**) " Reliability, Rental-Cost and Energy-Aware Multi-Workflow Scheduling on Multi-Cloud Systems." **IEEE Transactions on Cloud Computing**, JCR-**Q1,** IF:**6.5** https://doi.org/10.1109/TCC.2022.3223869
- Taghinezhad-Niar, A., Pashazadeh, S., & Taheri, J. (**2022**). QoS-aware online scheduling of multiple workflows under task execution time uncertainty in clouds**. Cluster Computing, Springer** 8. JCR-**Q1,** IF:**4.4** https://doi.org/10.1007/s10586-022-03600-8
- Taghinezhad-Niar, A., Pashazadeh, S., & Taheri, J. (**2021**). Workflow scheduling of scientific workflows under simultaneous deadline and budget constraints. **Cluster Computing, Springer**. JCR-**Q1,** IF:**4.4** https://doi.org/10.1007/s10586-021-03314-3.
- Taghinezhad-Niar, A., Pashazadeh, S., & Taheri, J. (**2022**). Energy-efficient workflow scheduling with budget-deadline constraints for cloud. **Computing, Springer**. JCR-**Q2,** IF:**3.7** https://doi.org/10.1007/s00607-021-01030-9
- Valizadeh, P., Taghinezhad-Niar, A. (**2022**). A Fault Tolerant Multi-Controller Framework for SDN DDoS Attacks Detection, International Journal of Web Research, ISC, https://doi.org/10.22133/ijwr.2022.345927.1119
- Taghinezhad, A., & Pashazadeh, S. (**2016**). Modelling and analysis of the monotonic read consistent distributed system using coloured Petri net. 2016 8th International Conference on Information and Knowledge Technology, **IKT 2016**. https://doi.org/10.1109/IKT.2016.7777791
- Valizadeh, P. & Taghinezhad, A. (**2022**). DDoS Attacks Detection in Multi-Controller Based Software Defined Network. 8th International Conference on Web Research, **ICWR 2022**. https://doi.org/10.1109/ICWR54782.2022.9786246
- Taghinezhad-Niar, A., Javadzadeh, T., & Farzinvash, L. (**2017**). Modeling of Resource Monitoring in Federated Cloud using Colored Petri Net. IEEE International Conference on Knowledge Based Engineering and Innovation, 0577–0582. https://doi.org/10.1109/KBEI.2017.8324866

AWARDS & CERTIFICATES

- Member of Exceptional Talents of the University of Tabriz,
- Member of Iran National Elite Foundation
- Participate in Erasmus Eu project, Winter School in Data Analytics, University of Bonn, Bonn, Germany, Feb 2018
- First Honored Student in Scientific and Practical Competitions of Vocational Schools of the Country and Permission to Enter the University without Entrance Exam

- Honored Person in Iran Periodical Technology Competition ("Fannavard") in Web Developing.
- 2st Place - University of Tabriz - Master of Science - Software Engineering 2015-2017
- Workshop on Ethical Hacking and Security of Wireless Networks, University of Tabriz, Tabriz, 2017
- Specialized course in applied game theory, University of Tabriz 2017
- Teaching Strategies and Methods Workshop, Mohaghegh Ardabili University, 2017

RESEARCH INTERESTS

- Scheduling Algorithms
- Distributed Systems & Cloud
- Formal Methods
- Security

LANGUAGE

- English: Advance
- Persian: Native
- Turkish (Azerbaijani): Native

REVIEWER

- Mathematics and Computers in Simulation - Elsevier- Journal JCR- Q1
- Reliability Engineering & System Safety - Elsevier Journal- JCR- Q1
- Journal of Supercomputing- Springer Journal- JCR- Q2
- Indonesian Journal of Electrical Engineering and Computer Science- JCR- Q3
- 8th International Conference on Web Research (ICWR2022), 11-12 May 2022 -IEEE Conference