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S.Ali Seyedalian

CONTACT INFORMATION	Phone: (+98) 9134564115 E-mail: seyedalian@ut.ac.ir Website: www.seyedalian.ir Github: www.github.com/sedaliSedalian
PERSONAL DETAILS	Gender: Male Birth Place: Iran Birth Date: 26 November 1996
EDUCATION	University of Tehran , Tehran, Iran 2020 – present M.Sc. in Software Engineering Thesis: Designing a hypergraph clustering algorithm for analysis of microbiome data Iran University of Science and Technology (IUST) , Tehran, Iran 2015 – 2020 B.Sc. in Computer Engineering Thesis: Designing and Implementation of a System for the Evaluation of BLE in Home Applications
INTERESTS	[Machine/Deep/Reinforcement]-Learning, Data, Social Networks Analysis, Internet of Things, Data Science, Data Engineering, Big Data
PUBLICATIONS	<ul style="list-style-type: none">Nasibeh Heshmati Molaei, Seyed Ali Seyedalian, Alireza Sinaee Oskouie, Eisa Zarepour, “Characterizing The Energy Consumption and Maximum Coverage of 802.15.1 V4.2 for Wearable Home-care Monitoring Systems”, 25th International Computer Conference, Computer Society of Iran (CSICC), 2020.
SKILLS	Programming Languages: <u>Python</u> , SQL, Java, R, HTML, CSS, JavaScript, C, C++, Bash (Linux) Web Frameworks: <u>Django</u> , React, Node.js Tools: Linux, Git, Keras, PyTorch, Scikit-learn, Numpy, Pandas, Matplotlib, tkinter, psycopg2, Docker, Gephi, NetworkX, Arduino, Latex, Adobe Photoshop/ Illustrator, Cisco, Mikrotik, Kerio Firewall Database : PostgreSQL, MySQL, MongoDB, SQL Server, SQLite Industry Knowledge : AI, Back-end, Front-end, IoT, Database, Network
LANGUAGES	<ul style="list-style-type: none">Persian: NativeEnglish: FluentArabic: Limited
PROFESSIONAL EXPERIENCE	Semnan Province Telecommunication Co. , Semnan, Iran. Jun 2018 – Sep 2018 <i>Network Administrator Internship</i>

Smart Online Monitoring Co, Tehran, Iran.
Research Assistant and Android Developer

Dec 2019 – Sep 2020

DBRG Lab, UT, Tehran, Iran.
Research Assistant

Jan 2022 – present

FAVORITE COURSES IUST:

- Advanced Programming (Python)
- Algorithm Design
- Data Structures
- Fundamentals of Database Design
- Operating Systems
- Artificial Intelligence
- Computer Networks
- Wireless Networks
- Network Security
- Internet of Things
- Internet Engineering
- Probability and Statistics

UT:

- Neural Networks and Deep Learning
- Advanced Database Systems
- Special Topics in Database Systems
- Intelligent Information Retrieval
- Statistical Inference
- Social Networks Analysis
- Bio Inspired Computing