

# S.Ali Seyedalian

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SELF DESCRIPTION	I'm an M.Sc Software Engineering Student at University of Tehran. Artificial Intelligence is building our future more than ever. This has increased my enthusiasm for progress and role-playing in this field.		
LINKS	E-mail : <a href="mailto:seyedalian@ut.ac.ir">seyedalian@ut.ac.ir</a> GitHub page : <a href="https://www.github.com/sedaliSedalian">www.github.com/sedaliSedalian</a>		
PERSONAL DETAILS	Gender: Male Marital Status: Single Birth Date: 26 November 1996   6 Azar 1375 Place of Birth: Semnan, Iran Military Service Status: Educational Exemption		
EDUCATION	<b>University of Tehran</b> , Tehran, Iran 2020 – present M.Sc. in Software Engineering Thesis: Designing a hyper-graph clustering algorithm for analysis of microbiome data  <b>Iran University of Science and Technology (IUST)</b> , 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] Learning, Social Networks (Complex Network), Internet of Things, Data Science, Computer Networks		
PUBLICATIONS	<ul style="list-style-type: none"> <li>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.</li> </ul>		
SKILLS	<b>Programming Languages:</b> <u>Python</u> , SQL, Java, R, HTML, CSS, JavaScript, C, C++, Bash (Linux)  <b>Web Frameworks:</b> <u>Django</u> , React, Node.js  <b>Tools:</b> Linux, Git, Keras, PyTorch, Scikit-learn, Numpy, Pandas, Matplotlib, tkinter, psycopg2, Docker, Gephi, NetworkX, Arduino, Latex, Adobe Photoshop/ Illustrator, Cisco, Mikrotik, Kerio Firewall  <b>Database :</b> PostgreSQL, MySQL, MongoDB, SQL Server, SQLite  <b>Industry Knowledge :</b> AI, Back-end, Front-end, IoT, Database, Network		
LANGUAGES	<ul style="list-style-type: none"> <li>Persian: Native</li> <li>English: Fluent</li> <li>Arabic: Limited</li> </ul>		

PROFESSIONAL  
EXPERIENCE

**Semnan Province Telecommunication Co.**, Semnan, Iran.  
*Network Administrator Internship*

Jun 2018 – Sep 2018

**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