

# S.Ali Seyedalian

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CONTACT INFORMATION	Phone: (+98) 9134564115 E-mail: <a href="mailto:seyedalian@ut.ac.ir">seyedalian@ut.ac.ir</a> Website: <a href="http://www.seyedalian.ir">www.seyedalian.ir</a> Github: <a href="https://www.github.com/sedaliSedalian">www.github.com/sedaliSedalian</a>
PERSONAL DETAILS	Gender: Male Birth Place: Iran Birth Date: 26 November 1996
EDUCATION	<b>University of Tehran</b> , Tehran, Iran 2020 – present M.Sc. in Software Engineering (Current GPA 3.47/4.0) Thesis: Designing a hypergraph 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 (GPA 3.24/4.0) Thesis: Designing and Implementation of a System for the Evaluation of BLE in Home Applications
INTERESTS	Data Science, Social Networks Analysis, Deep Learning, Machine Learning, Data Engineering, Big Data
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>Languages:</b> <ul style="list-style-type: none"><li>Persian: Native</li><li>English: Fluent</li><li>Arabic: Limited</li></ul> <b>Programming Languages:</b> Python, R, Java, HTML, CSS, JavaScript, SQL, Node.js, C/C++, Bash (Linux)  <b>Web Frameworks:</b> Django, React  <b>Tools:</b> Git, Keras, PyTorch, Scikit-learn, Numpy, Pandas, Matplotlib, tkinter, psycpg2, Docker, Gephi, NetworkX, Latex, Adobe Photoshop/ Illustrator, Cisco, Mikrotik, Kerio Firewall, Houdini  <b>Database :</b> PostgreSQL, MongoDB  <b>Industry Knowledge :</b> Deep Learning, Machine Learning, Reinforcement Learning, Backend, Frontend, Database Design, Network Management  <b>Operating Systems:</b> Linux, Windows

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

SELECTED COURSES

**Statistical Inference:**18.9/20  
**Social Networks Analysis:**18.1/20  
**Neural Networks and Deep Learning:**17/20  
**Bio inspired computing:**19.6/20  
**Fundamentals of Database Design:** 18.75/20  
**Advanced Database Systems:**17.78/20  
**Computer Networks :** 17/20  
**Fundamentals of Wireless Networks:**20/20  
**Theory of Formal Languages and Automata :** 19/20  
**Technical Language:** 17.9/20  
**Digital Electronics :** 17.25/20  
**Computer-Aided Design of Digital Systems (CAD):** 19.7/20  
**Data Communications:** 17.5/20