

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	<div> University of Tehran, 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 </div> <div> Iran University of Science and Technology (IUST), 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 </div>
INTERESTS	Data Science, Social Networks Analysis, Deep Learning, Machine Learning, 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	<p>Programming Languages: Python, R, Java, HTML, CSS, JavaScript, SQL, Node.js, C/C++, Bash (Linux)</p> <p>Web Frameworks: Django, React</p> <p>Tools: Git, Keras, PyTorch, Scikit-learn, Numpy, Pandas, Matplotlib, tkinter, psycopg2, Docker, Gephi, NetworkX, Latex, Adobe Photoshop/ Illustrator, Cisco, Mikrotik, Kerio Firewall, Houdini</p> <p>Database : PostgreSQL, MongoDB</p> <p>Industry Knowledge : Deep Learning, Machine Learning, Reinforcement Learning, Backend, Frontend, Database Design, Network Management</p> <p>Operating Systems: Linux, Windows</p>
LANGUAGES	<ul style="list-style-type: none"> Persian: Native English: Fluent Arabic: 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

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