

Soroush Elyasi

CONTACT INFORMATION

Computer Engineering Dept.
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RESEARCH INTERESTS

- Data Mining
- Machine Learning
- Software Engineering
- Interdisciplinary Research
- Human-Computer Interaction
- Experimental Research

EDUCATION

- University of Tehran, Tehran, Iran
M.Sc., Information Technology, September 2020 - Present
Thesis: Investigation on Personality Job Fitness for Software Developers via Game
GPA: 16.85/20
- Shahid Beheshti University, Tehran, Iran
B.Sc., Software Engineering, 2015 – 2020
Thesis: Design and Develop Educational Helper System
GPA: 17.34/20

TEACHING EXPERIENCE

- Teaching Assistant
University of Tehran, Tehran, Iran
- Seminar, Prof. Fattaneh Taghiyareh [Spring 2023 and Fall 2023]
 - Research Methods, Prof. Fattaneh Taghiyareh [Spring 2023 and Fall 2023]
 - Information Technology Management, Prof. Fattaneh Taghiyareh [Fall 2022]
- Shahid Beheshti University, Tehran, Iran
- Advance Programing (AP),
Instructor: Prof. Sadegh Aliakbari [Spring 2017]
 - Advance Programing (AP),
Instructor: Prof. Mojtaba Vahidi-Asl [Spring 2017]
 - Fundamentals of Computer and Programing,
Instructor: Prof. Sadegh Aliakbari [Fall 2016]

PUBLICATIONS

- S. Elyasi, F. Taghiyareh “MBTI-Based Personality Assessment through Introducing a Puzzle Game,” International Conference on Web Research (ICWR), vol. 9, May 2023,
doi: <https://doi.org/10.1109/icwr57742.2023.10139311>
- S. Elyasi, F. Taghiyareh, and A. Varaste, “Developing Multi-Genre Games to Detect Depression and Anxiety Disorders,” (Submitted)
- S. Elyasi, A. Varaste, and F. Taghiyareh, “MBTI-Personality Types and Traits of Professional Software Engineers,” (Accepted)
- S. Elyasi and F. Taghiyareh, “Investigating on Personality Job Fitness for Software Developers via Game.” (Ongoing)

- S. Elyasi, F. Taghiyareh, and A. Varaste, “Prediction of Depression and Anxiety Disorders via Game Using Machine Learning Model,” (Ongoing)

RELEVANT COURSEWORK

- IT Management [Grad] (19/20)
- Research Methods [Grad] (20/20)
- Data Analytics [Grad] (18.5/20)
- Data Mining [Grad] (17.8/20)
- Advanced Topics in Software Engineering 1 (Advanced Software Testing) [Grad] (18.4/20)
- Implementation of Database Systems (19.5/20)
- Internet Engineering (20/20)
- Databases (18.8/20)
- Fundamental of Computer Animation (19/20)
- Computer Graphics (18.5/20)
- Design of Programming Languages (17.14/20)
- Fundamentals of Programing (18.42/20)
- Discrete Mathematics (19.28/20)
- Software Engineering (18.25/20)
- Advance Computer Programing (20/20)
- Software Testing (18.65/20)
- Object-Oriented System Design (18/20)
- Computer Architecture (19.75/20)
- Calculus II (19.5/20)
- Differential Equations (17.3/20)
- System Analysis and Design (17.25/20)
- Signals and Systems (18/20)
- Research And technic of Presentation [B.S.] (17.7/20)
- Operation Systems Lab (19/20)
- Computer Networks Lab (19.5/20)
- Software Engineering Lab (19.5/20)
- Database Lab (20/20)

RESEARCH EXPERIENCE

- Graduate Research Assistant, University of Tehran (September 2020 - Present)
- Multi-Agent and e-Learning Lab
Supervisor: Prof. Fattaneh Taghiyareh
- Research Assistant, Shahid Beheshti University (2016 - 2017)
- Game Development Lab
Supervisor: Prof. Mojtaba Vahidi-Asl

WORK EXPERIENCE

- Nik Andishan System Monfared (2022 - 2023)
Backend and Frontend Developer Team Leader
- System Group (2020 - 2022)
Backend and Frontend Developer
- ISEIKCO (2020)
Software Consultant
- Nik Andishan System Monfared (2019 - 2020)
Backend and Frontend Developer
- Chabokfa (2018 - 2019)
Backend and Frontend Developer
- SAPCO (2018)
Android and Backend Developer (Bachelor Internship)
- ISEIKCO (2017 - 2018)
Software Developer

HONORS AND REWARDS	<ul style="list-style-type: none"> • Ranked 5th among participants in the National Master Entrance Exam among all Iranian students in the field of Information Technology. (2020) • Ranked 6th among participants in the National Master Entrance Exam among all Iranian students in the field of Medical Information Technology. (2020)
SKILLS	<ul style="list-style-type: none"> • Programming Languages: Python, C#, Java, SQL • AI and Data Science: NumPy, Pandas, Matplotlib, Scikit-learn, Selenium, Beautiful Soup • Web Development: HTML, CSS, JavaScript, Angular • Database Systems: SQL Server, Oracle DB • NoSQL: Redis, Neo4j, MongoDB • Miscellaneous: UML, MS Project, Photoshop, Unity
LANGUAGES	<ul style="list-style-type: none"> • Persian (Farsi): Native • English: Fluent – TOEFL iBT: Scheduled for September
Hobby	<ul style="list-style-type: none"> • Psychology • Karate: First Dan • Bodybuilding • Swimming
Voluntary	<ul style="list-style-type: none"> • Journal of Danesh Hezare (2015 - 2016) Writer (Faculty of Computer Science and Engineering, Shahid Beheshti University)
REFERENCES	<ul style="list-style-type: none"> • Fattaneh Taghiyareh, Associate Professor Electrical and Computer Engineering Department, University of Tehran Email: ftaghiyar@ut.ac.ir • Sadegh Aliakbari, Assistant Professor Faculty of Computer Science and Engineering, Shahid Beheshti University Email: s_aliakbari@sbu.ac.ir • Mojtaba Vahidi-Asl, Assistant Professor Faculty of Computer Science and Engineering, Shahid Beheshti University Email: mo_vahidi@sbu.ac.ir