

Shiva Shadrooh

PERSONAL DATA

PLACE AND DATE OF BIRTH: Gorgan, Iran | 18 August 1993
ADDRESS: Department of Computer Science and Engineering,
Daneshju Bv, Tehran, Iran
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EDUCATION

- 2016 - 2019 Master of Science in SOFTWARE ENGINEERING ,
From **Shahid Beheshti University**, Tehran
Thesis: "A novel Approach for Social Event Detection using sentiment analysis"
Advisor: Dr. Hadi Tabatabaee Malazi
GPA: 3.88/4(17.96/20)(Department Average GPA is 14.93 Respectively)
- 2012 - 2016 Bachelor of Science in SOFTWARE ENGINEERING ,
From **Shahid Beheshti University**, Tehran
GPA: 3.74/4 (17.74/20)(Department Average GPA is 14.45 Respectively)
- 2008 - 2012 Diploma of MATHEMATICS AND PHYSICS DISCIPLINE,
From **Farzanegan High School**, *Affiliated with the National Organization
for the Development of Exceptional Talents (NODET)* , Gorgan
GPA: 4/4 (19.78/20)

RESEARCH INTERESTS

- Data Mining
- Natural Language Processing
- Information Retrieval
- Machine learning
- Social Network Mining
- Knowledge Management and Discovery

PUBLICATIONS

- **Emotion-based Social Event Detection in Twitter**; S. Shadrooh, H. Tabatabaee Malazi, submitted in Applied Intelligence journal of Springer, 2019 (full paper).

HONORS AND AWARDS

- Granted admission from Exceptional Talented Student Office of Shahid Beheshti University for graduate study,2016.
- Ranked **3rd**, in Cumulative GPA among more than 40 students of the Bachelor of Science in Computer Software Engineering, Class of 2016 students, Shahid Beheshti University.
- Ranked **top 1%** in The National University Entrance Examination in 2012 among 260,000 participants.
- Ranked **1st** as the best Chiaroscuro painter in The National Festival of Youth Cultural Arts ,2011.

- Recognized as **talented student** in entry exam of NODET among Gorgan students for middle and high school, 2005 & 2008.

TEACHING ASSISTANT

- **Advanced topics in software engineering**(2 Times)
 - SHAHID BEHESHTI UNIVERSITY, Spring 2018, **instructor:** Dr.Hadi Tabatabaee Malazi.
 - SHAHID BEHESHTI UNIVERSITY, Spring 2017, **instructor:** Dr.Hadi Tabatabaee Malazi.
- **Advanced databases**
 - SHAHID BEHESHTI UNIVERSITY, Fall 2017, **instructor:** Dr.Hadi Tabatabaee Malazi.
- **leading two Bachelor Students for their Dissertation**
 - SHAHID BEHESHTI UNIVERSITY, Fall 2017, **instructor:** Dr.Hadi Tabatabaee Malazi.

RESEARCH ASSISTANT

Pervasive Computing Research Laboratory,
Shahid Beheshti University,
Supervisor: Dr.Hadi Tabatabaee Malazi.
Research Field: **Data Mining, Text Mining, Machine Learning, Social Network, Information retrieval**

RELEVANT COURSEWORK AND PROJECTS

- **Question Duplicate Detection in stack overflow data**
Shahid Beheshti University, Summer and Fall 2017
Supervisors:Dr. Mahmood Neshati, Dr.Hadi Tabatabaee Malazi.
Research Field: **Big Data, Data Mining, Text Mining, Machine Learning, Natural Language Processing, Word Embedding, Information retrieval, Word Mover Distance, Feature vector, Mallet, Lucene**
- **Stack Overflow Tag Clustering**
Shahid Beheshti University, Spring 2017
Supervisors:Dr.Hadi Tabatabaee Malazi.
Research Field: **Data Mining, Information retrieval, Word Embedding**
- **Emotion Analysis of Twitter Emojis based on Plutchik Emotion Wheel**
Shahid Beheshti University, Spring 2018
Supervisors:Dr.Hadi Tabatabaee Malazi.
Research Field: **Data Mining, Information retrieval, Deep Learning, Word Embedding**

NOTABLE COURSES

- **Data Mining** , GPA: 4/4 (18.6/20)
- **Advanced databases** , GPA: 4/4 (19/20)
- **Pervasive Computing** , GPA: 4/4 (19.5/20)
- **Complex Networks** , GPA: 4/4 (18/20)
- **Operating Systems** , GPA: 4/4 (20/20)
- **Pervasive Computing** , GPA: 4/4 (19.5/20)
- **software Engineering 2** , GPA: 4/4 (19.1/20)
- **Advanced software test** , GPA: 4/4 (18.8/20)
- **Advanced software debugging and repairing** , GPA: 4/4 (18/20)

TECHNICAL SKILLS

PROGRAMMING AND SCRIPTING: Python,C#,C/C++,Java,Javascript
WEB TECHNOLOGIES: ASP.Net,HTML,CSS,Jquery,J2EE
DATABASE TECHNOLOGIES: SQL, MySql,MongoDB,Cassandra,Neo4j,Redis
TOOLS: Keras, Tensorflow
Lucene, Elasticsearch
Scikit-learn, Gensim, NLTK,Scipy
Git, UML
TYPESETTING: LATEX, MS Word

LANGUAGES

PERSIAN: Native
ENGLISH: Fluent

ENGLISH PROFICIENCY

Toefl: overall 94:Reading 28, Listening 28, Speaking 21, Writing 17

INTERESTS AND ACTIVITIES

ARTS: Painting,Chiaroscuro Painting, calligraphy
SPORTS: Volleyball
OTHER INTERESTS: Travelling, Breeding plant

REFERENCES

- [DR. Hadi Tabatabaee Malazi](#), Assistant Professor, Faculty of Computer science and Engineering, Shahid Beheshti University.
Email: h_tabatabaee@sbu.ac.ir
- [DR. Mahmood Neshati](#), Assistant Professor, Faculty of Computer science and Engineering, Shahid Beheshti University.
Email: m_neshati@sbu.ac.ir