

Sadjad Tavakoli

☎ (+1) (778) 7516969 | ✉ sadjad_tavakoli@sfu.ca | 📧 sadjadtavakoli@gmail.com

Education

Simon Fraser University (SFU)

MSC IN COMPUTER SCIENCE

BC, Canada

Sep. 2020 - current

Sharif University of Technology (SUT)

BSC IN COMPUTER ENGINEERING (MAJOR: SOFTWARE)

Tehran, Iran

Sep. 2013 - Sep. 2019

Research Experience

Research Assistant under the supervision of Dr. Saba Alimadadi

DEPARTMENT OF COMPUTING SCIENCE IN SIMON FRASER UNIVERSITY

BC, Canada

Sep. 2020 - Current

Paid Research and Development Assistant (R&D) under the supervision of Dr. Jafar Habibi

DEPARTMENT OF COMPUTER ENGINEERING IN SHARIF UNIVERSITY OF TECHNOLOGY

Tehran, Iran

Nov. 2018 - Sep. 2020

- I was a paid R&D member at the Intelligent Information Solutions Center (IIS), Working on two projects using Django and PHP.

Research Assistant under the supervision of Dr. MohammadAmin Fazli

DEPARTMENT OF COMPUTER ENGINEERING IN SHARIF UNIVERSITY OF TECHNOLOGY

Tehran, Iran

Nov. 2017 - June. 2018

- I participated in research on using social networks for cross-cultural studies. in this research, we provided a framework that can be used for calculating countries/cultures cultural distance using social networks data. we used data from 22 countries in twitter, and calculate the distance on the cultural dimensions based on news titles.

This research paper published in "IEEE Transactions on Computational Social Systems".

Teaching Assistance Experience

Web-based Information Systems (CMPT 470)

DEPARTMENT OF COMPUTING SCIENCE IN SIMON FRASER UNIVERSITY

BC, Canada

Summer 2021

Dr. Bobby Chan

Fundamentals of Programming (C Language)

SHARIF UNIVERSITY OF TECHNOLOGY - DR. MARZIEH MALEKIMAJD

Tehran, Iran

Fall 2014

Dr. Marzieh malekimajd

Industry Experience

Django/Backend Developer and Software Engineer

SHOPGRAM CO

Tehran, Iran

Apr. 2019 - Sep. 2019

App Team Manager and Product Owner

LYAN

Tehran, Iran

less than one year until Dec 2017

- We developed iOS and Android clients.

Internship coordinator

LYAN

Tehran, Iran

May 2016 - Dec 2017

- I supervised the interns from the Sharif University of Technology to be prepared for being part of a team and also being a software developer.

Software Developer/Engineer

LYAN

Tehran, Iran

Nov 2015 - Dec 2017

- Django Developer
- Android Developer

*: Lyan was a social network which had provided online shopping and services, in this platform users could present their goods or services as seller or be a consumer. users could interact with each other, follow each other, send messages and post contents to each others wall, etc. Lyan was supported in web and mobile app (both Android and iOS).

Publications

”Computing the Cultural Distance between Countries by Mining Twitter Data”

Published in IEEE Transactions on Computational Social Systems

Research Interests

- Software Engineering
- Software Analysis
- Web Engineering
- Data Mining

Honors & Awards

2018	Admitted to SUT , Ranked 44th among nearly 30,000 participants in the Nationwide M.Sc. Entrance Exam in Computer Engineering.	<i>Tehran, Iran</i>
2013	Admitted to SUT , Ranked 120th among nearly 252,000 participants in the Iranian National University Entrance Exam.	<i>Tehran, Iran</i>
2013	Admitted to INEF , Iran’s National Elites Foundation	<i>Tehran, Iran</i>
2011	Semifinalist , in the 29th Iranian National Mathematical Olympiad.	<i>Tehran, Iran</i>
2009	Admitted to NODET , National Organization for Development of Exceptional Talent	<i>Amol, Iran</i>

Skills

Programming Languages	Python, Java, C, C++, Matlab, JavaScript, Bash Script, PHP
Web	HTML, CSS, Django Framwork, Django rest Framwork, Node.js
Mobile	Android
Tools and libraries	Matlab, Tensorflow, sklearn, Keras, beautifulsoup, scrapy, scrum, kanban, Micorsoft Office
Operating Systems	Windows, Linux, MacOS
Typesetting	ℒ _{TeX} , Microsoft Office
Languages	Persian (Native), English (Fluent)