

Seyyed Javad Bozorg Zadeh Razavi

Email | +98 938 047 9810 | **Website:** www.bozorgzade.ir | [LINKEDIN](#) | Mashhad, Iran

Short Biography

I am Seyyed Javad Bozorg Zadeh Razavi, a graduate student of Computer Engineering from Ferdowsi University of Mashhad with a GPA of 4.0. In addition, I graduated with bachelor's degrees in Computer Science and Computer Engineering from the University of Birjand.

My research interests are Natural Language Processing (NLP) and Crowdsourcing, in which I have more than four years of experience and have published and submitted multiple articles.

EDUCATION

Master of Computer Engineering Ferdowsi University of Mashhad, Department of Computer Engineering with a GPA 4 July 20, 2019 – Sep 21, 2022

Thesis Topic:

Novel Worker Recruitment Method Based on Clarity and Fairness of Requester Score of 20: 19

Bachelor of Software Engineering University of Birjand, Department of Electrical and Computer Engineering with a GPA 3.41 Sep 23, 2015 – Sep 20, 2019

Bachelor of Hardware Engineering University of Birjand, Department of Electrical and Computer Engineering with a GPA 3.5 Sep 23, 2015 – Sep 20, 2019

RESEARCH INTERESTS

- Natural Language Processing, Machine Learning, Data Mining
- Crowdsourcing, Human-Computer Interaction

PUBLICATIONS

B. Razavi, S.J., Amintoosi, H., Allahbakhsh, M., A Framework for Assessing the Clarity of Contributions in the Q&A System, Computer Society of Iran Conference, 2022 (Published, In Persian - [ISC index](#))

- Task explanation is the most important part of a job in crowdsourcing platforms by which workers get the meaning of the job. If this explanation is not clear, there will be ambiguous that make results not satisfy for requester. In this article, we proposed a platform that computes the clarity of a requester.

Mousavi, A., Sirjani, M. Sadegh, B. Razavi, S.J., SecVanet: provably secure authentication protocol for sending emergency events in VANET, (Accepted, IEEE Index, IKT Conference, 2023)

- The article presents a secure authentication protocol for vehicular ad hoc networks (VANETs), ensuring reliable communication between emergency and damaged vehicles. For example, an ambulance uses this secure authentication protocol to communicate with nearby vehicles and request them to clear a path during emergencies. Without this method, there is a risk of malicious attackers sending false signals, causing traffic confusion and delays.

B. Razavi, S.J., Amintoosi, H., Allahbakhsh, M., [A Clarity and Fairness Aware Framework for Expert Recommendation in Crowdsourcing Systems](#) (Accepted, [Springer Computing Journal](#))

- In this article, we proposed a framework for selecting suitable workers in crowdsourcing by considering requester clarity and fairness. It uses a fuzzy model to evaluate task clarity and incorporates these metrics with task and worker attributes. The method outperforms existing approaches based on real-world data analysis.

B. Razavi, S.J., Amintoosi, H., Allahbakhsh, M., [Syntax and Semantic Matching for Expert Recommendation in Crowdsourcing Systems](#) (In Progress)

- In this article, we will introduce a new novel expert selection based on the attributes of worker, task, and requester will be developed. We use questions' tags and explanations to compute semantic and syntax similarity between tasks.

TEACHING EXPERIENCE

Lecturer:

C# Programming for Beginners	Jan 2017 – June 2017
Advanced C# Programming	Jan 2018 – June 2018

Teacher Assistant:

Compiler	Jan 2023 – June 2023
Principles of Software Design	Sep 2022 – Dec 2022
Web Programming	Sep 2022 – Dec 2022
Introduction to Python Programming	Jan 2021 – June 2021
Introduction to C++ Programming	Jan 2018 – June 2018
Engineering Probability and Statistics (4 semesters in 5 classes)	Jan 2017 – Jan 2019
An Introduction to Formal Languages and Automata	Sep 2017 – Dec 2017
Data Structures and Algorithms	Jan 2017 – June 2017

SKILLS

Programming Languages: C++, C#, Python, SQL, MATLAB

Tools and Frameworks: Git, .Net Core, .Net Framework, ML by Python, WPF

Web Development and Design: C# (Asp.net Core), HTML, CSS, jQuery, Bootstrap, JavaScript (JS)

Database: MSSQL Server, PostgreSQL, Access

Design and coding Patterns: MVC, MVP

Software: Microsoft Visual Studio, Microsoft Visual Studio Code, Android Studio, Qt Creator, Unity

Others: Game Programming (Unity), Project management and Version Control systems such as Git and Trello, Object Oriented Programming

LANGUAGE

Persian: Native

TOEFL: Scored 93 on exam dated August 26, 2023 (Reading 27, Listening 23, Speaking: 20, Writing: 23)

HONORS AND AWARDS

- 1- Received two BSc degrees simultaneously
- 2- First rank among BSc degree students in computer architecture engineering
- 3- Among the top 15% of BSc students, software engineering degree
- 4- Head of the Scientific Association of Computer Science of the University of Birjand (2018 - 2020)
- 5- Judge of the Birjand University Annual ACM/ICPC (Sep 2018 - Sep 2020)
- 6- Selected scientific association as the organizer of the best programming competitions in South Khorasan Province, Iran
- 7- Lecturer of two C# programming of the Fani Va Herfeii organization
- 8- The main member of the committee holding the 1st Conference of Healthcare Computing Systems and Technologies (2019)
- 9- Selected as one of the two students to get a speech in the final graduation ceremony.

CERTIFICATES AND ACCOMPLISHMENTS

Programming for Everybody (Getting Started with Python) offered by Coursera

Python Data Structures offered by Coursera

Performance optimization and final build file size reduction in Unity3D offered by Iran Computer and Video Games Foundation

Basic and advanced C# programming language offered by the Center for Information Technology and Digital Media Development

Basic and advanced Java programming Language offered by Fani Va Herfeii

PLC S7- 400 provided by Fani Va Herfeii

SELECTED PROJECTS

- Online shopping application
 - Including social media like Instagram, buying and selling products, online taxis like Uber, messenger like WhatsApp, and so on.
- Online Accounting Application

WORK EXPERIENCE

Researcher at Ferdowsi University of Mashhad

Sep 2022 - Present

Arvin Pishgaman Fannavari Ronak (Uper)

August 2020 – August 2021

- CEO of Accounting Software

Arvin Pishgaman Fannavari Ronak (Uper)

June 2019 – August 2020

- Senior Back-end Developer
 - Software and database system design to meet 1M users
 - Implement safety marketplace use .NET5
 - Launching a standalone version of the Open Street Map for routing
 - Experiencing real-time communications over NATS & SignalR
 - Automated deployment using GitLab CI/CD
 - Implement the most optimal file storage; Apply compression without reducing file quality using FFPMEG, 7Z Lib, ...

REFERENCES

Available upon request