

# Dr. Ashir Javeed

**Date of Birth:** 21/12/1989

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<https://scholar.google.com/citations?user=YJjY-PoAAAAJ&hl=en>



<https://www.researchgate.net/profile/Ashir-Javeed>

## **PERSONAL PROFILE:**

To utilize my skills towards a challenging career in growth oriented and leading edge that will provide mutual benefits and where from I can utilize my capabilities to the fullest benefits of the organization and society.

## **ACADEMIC QUALIFICATION:**

Degrees	Year	Marks/CGPA	Grade	Institution/ Board
BS (Software Engineering)	2011	3.45/4.00	A	NUML, Islamabad, Pakistan
MS (Computer Science)	2015	3.10/4.00	A	BZU, Multan, Pakistan
PhD. (Software Engineering)	2021	3.66/4	A	UESTC, Chengdu, China

## **AREA OF INTEREST:**

- Software Engineering
- Artificial Intelligence
- Deep Learning
- Machine Learning
- NLP
- Data security & Privacy

## **CURRENT EMPLOYMENT:**

**Title:** Postdoc Researcher

**Joining date:** 21/11/2021

**Place of work:** Karolinska Institutet, Stockholm & Bleking Institutet of Technology, Karlskrona

### **Main Duties and Responsibilities:**

- To independently undertake research in the relevant discipline area using the appropriate methods and/or techniques.
- To produce research reports and/or publications as required by the funding body or for dissemination to the wider academic community.
- To collaborate with research colleagues and support staff internally as appropriate to the research and to actively develop appropriate external contacts and networks relevant to the project and to future funding opportunities.
- To provide guidance and support to any students associated with the projects and research.
- To attend, contribute, and where necessary lead relevant meetings.

### **EMPLOYMENT EXPERIENCE:**

<b>Sr. No</b>	<b>Job Title</b>	<b>Year</b>	<b>Institutions/Organizations</b>
01	Software Engineer	14-04-2011 to 07-11-2012	AZEX Solutions, Rawalpindi, Pakistan
02	Lecturer in Computer Science	1-06-2015 to 4-09-2017	Higher Education Department, Punjab, Pakistan
03	Postdoc Researcher	21-11-2021 to date	Bleking Institutet of Technology, Karlskorna

### **LANGUAGE SKILLS:**

- English-IELTS Test:

<b>Listening</b>	<b>Reading</b>	<b>Writing</b>	<b>Speaking</b>	<b>Overall Band</b>
7.5	6.5	6.0	6.5	<b>6.5</b>

- Swedish Language (Beginner)
- Chinese Language (Modest)

### **DISTINCTIONS AND AWARDS:**

- **Upper First Class Honour Student** throughout the academic carrier
- **Cultural Exchange Scholarship** winner (for Ph.D) nation wide, Pakistan, 2016
- **Cricket Champion**, Annual Sports Gala, University of Eletronic Science and Technology, Chengdu, China, 2017.
- **Participate** in 5000 meter marathon, Annual Sports Gala, Meishan, Sichuan, China, 2018.
- **International Student Union(ISO) Country representative**, University of Electronic Science and Technology, Chengdu, China, 2019.

### **CONFERENCES AND SEMINARS ATTENDED:**

1. NEAR workshop 18-19 october 2022, Karolinska Institutet, Stockholm, Sweden.
2. 26th Nordic Congress of Gerontology (NKG), Danish Society of Gerontology, the Danish Geriatric Society, and the Nordic Gerontological Federation , Proceedings of a meeting held 08-10 June 2022, Odense, Denmark.
3. 14<sup>th</sup> International Computer Conference on Wavelet Active Media Technology and Information Processing (ICCWAMTIP 2017). Proceedings of a meeting held 15-17 December 2017, Chengdu, China.
4. 1<sup>st</sup> International Conference on electrical, communication and computer engineering (icecce-2019) july 24th-25<sup>th</sup>, Swat, pakistan.

5. 16<sup>th</sup> International Computer Conference on Wavelet Active Media Technology and Information Processing, will take place in Chengdu, China, from December 13th, 2019. This event is organized by University of Electronic Science and Technology of China(UESTC), sponsored by The National Natural Science Foundation of China(NSFC), National High Technology Research and Development Program of China and China International Talent Exchange Foundation.

### **PUBLICATIONS IN PEER REVIEW JOURNALS**

1. **Javeed. A**, Rizvi S. S, Zhou S, Riaz R, Khan SU, Kwon SJ, “Heart Risk Failure Prediction Using a Novel Feature Selection Method for Feature Refinement and Neural Network for Classification,” *Mobile Information Systems*, 2020. <https://doi.org/10.1155/2020/8843115> **(Impact Factor 1.508)**
2. **Javeed. A**, Zhou S, Yongjian L, Qasim I, Noor A, Nour R, “An Intelligent Learning System based on Random Search Algorithm and Optimized Random Forest Model for Improved Heart Disease Detection,” *IEEE Access*, Vol.7, pp. 180235-43, 2019. <https://doi.org/10.1109/ACCESS.2019.2952107> **(Impact Factor 4.48)**
3. **Javeed. A**, Khan, S.U., Ali, L., Ali, S., Imrana, Y. and Rahman, A., “Machine learning-based automated diagnostic systems developed for heart failure prediction using different types of data modalities: a systematic review and future directions,” *Computational and Mathematical Methods in Medicine*, Article ID 9288452, 30 pages, 2022. <https://doi.org/10.1155/2022/9288452> **(Impact Factor 2.81)**
4. **Javeed. A**, Shijie, Z., Khan, A.A. and Tumrani, S. “A robust method for averting attack scenarios in location-based services,” In *2019 International Conference on Electrical, Communication, and Computer Engineering (ICECCE)* (pp. 1-6). IEEE, July, 2019. <https://10.1109/ICECCE47252.2019.8940717>
5. **Javeed. A**, Dallora. A. L, Berglund. J. S, Anderberg. P, Ali. L, “Early Prediction of Dementia Using Feature Extraction Battery (FEB) and Optimized Support Vector Machine (SVM) for Classification”, *Biomedicine*, 2023, **(Impact Factor 4.71)**
6. **Javeed. A**, Ali, L., Mohammed Seid, A., Ali, A., Khan, D. and Imrana, Y., “A Clinical Decision Support System (CDSS) for Unbiased Prediction of Caesarean Section Based on Features Extraction and Optimized Classification,” *Computational Intelligence and*

*Neuroscience*, Article ID 1901735, 13 pages, 2022. <https://doi.org/10.1155/2022/1901735>  
(**Impact Factor 3.12**)

7. **Javeed. A**, Ana L. D, Johan S. B. and Peter. A, “An Intelligent Learning System for Unbiased Prediction of Dementia Based on Autoencoder and Adaboost Ensemble Learning,” *Life* 12, no. 7 (2022): 1097. <https://doi.org/10.3390/life12071097> (**Impact Factor 3.25**)
8. **Javeed. A**, Dallora. A. L, Berglund. J. S, Anderberg. P, Ali. L, Ali. A, “Identifying the Risk Factors of Dementia in Older Adults Based on Feature Selection and Neural Networks,” *CMC-Computers, Materials & Continua*, 2022. (**Accepted, Impact Factor 3.86**)
9. **Javeed. A**, Dallora. A. L, Berglund. J. S, Anderberg. P, Ali. L, “Machine Learning for Dementia Prediction: A Systematic Review and Future Research Directions,” *Journal of Medical Systems*, 2022. (**Impact Factor 4.92**)
10. Akbar, W., Wu, W.P., Saleem, S., Farhan, M., Saleem, M.A., **Javeed. A**, and Ali, L., 2020. “Development of Hepatitis Disease Detection System by Exploiting Sparsity in Linear Support Vector Machine to Improve Strength of AdaBoost Ensemble Model”. *Mobile Information Systems*, 2020. <https://doi.org/10.1155/2020/8870240> (**Impact Factor 1.508**)
11. Ali L, Zhu C, Golilarz NA, **Javeed. A**, Zhou M, Liu Y, “Reliable Parkinson’s disease detection by analyzing handwritten drawings: Construction of an unbiased cascaded learning system based on feature selection and adaptive boosting model,” *IEEE Access*, Vol. 7, pp. 116480-9, 2019. <https://doi.org/10.1109/ACCESS.2019.2932037> (**Impact Factor 4.48**)
12. Saleem MA, Zhou S, Sharif A, Saba T, Zia MA, **Javed. A**, Roy S, Mittal M, “Expansion of Cluster Head Stability Using Fuzzy in Cognitive Radio CR-VANET.” *IEEE Access*, Vol. 7, pp. 173185-95, 2019. <https://doi.org/10.1109/ACCESS.2019.2956478> (**Impact Factor 4.48**)
13. Hasan E, Iqbal MM, Azeemi QR, **Javeed. A**, “An online Punjabi Shahmukhi Lexical Resource.” *Sci-Int*, pp. 2529-35, 2015. (**Impact Factor 1.852**)
14. Ali L, Rahman A, Khan A, Zhou M, **Javeed. A**, Khan JA, “An Automated Diagnostic System for Heart Disease Prediction Based on  $\chi^2$  Statistical Model and Optimally Configured Deep Neural Network,” *IEEE Access*, Vol. 7, pp. 34938-45, 2019. <https://doi.org/10.1109/ACCESS.2019.2904800> (**Impact Factor 4.48**)
15. Pai H, A., Almuzaini, K.K., Ali, L., **Javeed. A**, Pant, B., Pareek, P.K. and Akwafo, R., 2022. Delay-Driven Opportunistic Routing with Multichannel Cooperative Neighbor Discovery for Industry 4.0 Wireless Networks Based on Power and Load Awareness. *Wireless*

*Communications and Mobile Computing*, Article ID 5256133, 12 pages, 2022.  
<https://doi.org/10.1155/2022/5256133> (Impact Factor 2.14)

16. Saleem MA, Thien Le N, Asdornwised W, Chaitusaney S, **Javeed A**, Benjapolakul W. Sooty Tern Optimization Algorithm-Based Deep Learning Model for Diagnosing NSCLC Tumours. *Sensors*. Jan;23(4):2147, 2023. <https://doi.org/10.3390/s23042147> (Impact Factor 3.84)

### **GUEST EDITOR:**

- Special Issue “Advances in Computational Methods for Medical Applications 2022” in **Computational and Mathematical Methods in Medicine** journal.  
<https://www.hindawi.com/journals/cmmm/si/240126/>

### **REVIEWER FOR INTERNATIONAL PEER REVIEWD JOURNALS:**

- IEEE Access
- Journal of Healthcare Engineering
- Mobile Information Systems
- Scientific Reports
- Mathematical Problems in Engineering
- IEEE Conference Proceeding
- Applied Intelligence
- MDPI journals

### **PROGRAMMING LANGUAGES SKILLS:**

- Python -3.3, 3.5
- Matlab
- ASP.NET, C++, C#
- Java
- VB.NET
- PHP, MySQL

### **COMPUTER AND STATISTICAL TOOLS:**

- E-Draw Max
- IBM SPSS
- Minitab
- Latex
- Polo-Plus
- Two-sex MS Chart
- SigmaPlot
- EndNote

**REFERENCES:**

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