

## DAFTAR PUSTAKA

- Alonso, R., Dessí, D., Meloni, A., Recupero, D.R., 2025. A novel approach for job matching and skill recommendation using transformers and the O\*NET database. *Big Data Res.* 39, 100509. <https://doi.org/10.1016/j.bdr.2025.100509>
- Alsaif, S.A., Sassi Hidri, M., Eleraky, H.A., Ferjani, I., Amami, R., 2022. Learning-Based Matched Representation System for Job Recommendation. *Computers II*. <https://doi.org/10.3390/computers11110161>
- Bothmer, K., Schlippe, T., 2023. Skill Scanner: Connecting and Supporting Employers, Job Seekers and Educational Institutions with an AI-Based Recommendation System, in: Guralnick, D., Auer, M.E., Poce, A. (Eds.), *Innovative Approaches to Technology-Enhanced Learning for the Workplace and Higher Education*. Springer International Publishing, Cham, pp. 69–80.
- Çalli, F.G., Orman, G.K., 2023. Job Seeker Recommendation for Employers: A Graph-Based Recommendation Approach Using Node Embedding. *Procedia Comput. Sci.* 225, 3660–3669. <https://doi.org/10.1016/j.procs.2023.10.361>
- Du, Y., Luo, D., Yan, R., Liu, H., Song, Y., Zhu, H., Zhang, J., 2023. *Enhancing Job Recommendation through LLM-based Generative Adversarial Networks*. ArXiv abs/2307.10747.
- Guan, Z., Yang, J.-Q., Yang, Y., Zhu, H., Li, W., Xiong, H., 2024. JobFormer: Skill-Aware Job Recommendation with Semantic-Enhanced Transformer. *ACM Trans. Knowl. Discov. Data* 19. <https://doi.org/10.1145/3701735>
- Gugnani, A., Misra, H., 2020. Implicit Skills Extraction Using Document Embedding and Its Use in Job Recommendation. *Proc. AAAI Conf. Artif. Intell.* 34, 13286–13293. <https://doi.org/10.1609/aaai.v34i08.7038>
- Han, X., Zhu, C., Hu, X., Qin, C., Zhao, X., Zhu, H., 2024. Adapting Job Recommendations to User Preference Drift with Behavioral-Semantic Fusion Learning, in: *Proceedings of the 30th ACM SIGKDD Conference on Knowledge Discovery and Data Mining, KDD '24*. Association for Computing Machinery, New York, NY, USA, pp. 1004–1015. <https://doi.org/10.1145/3637528.3671759>
- Ho, N.-T.-K., Ho-Dac, H., Le, T.-A., 2021. Job Recommendation: An Approach to Match Job-Seeker's Interest with Enterprise's Requirement, in: Kumar, R., Quang, N.H., Kumar Solanki, V., Cardona, M., Pattnaik, P.K. (Eds.), *Research in Intelligent and Computing in Engineering*. Springer Singapore, Singapore, pp. 361–367.
- Kharis, 2020. *Sistem Rekomendasi Kerja Berbasis Kriteria Kompetensi Dengan*

*Modifikasi Jaccard Similarity* (Tesis Magister). Universitas Gadjah Mada, Yogyakarta, Indonesia.

- Kwieciński, R., Górecki, T., Filipowska, A., Dubrov, V., 2024. Job Recommendations: Benchmarking of Collaborative Filtering Methods for Classifieds. *Electronics* 13. <https://doi.org/10.3390/electronics13153049>
- Mashayekhi, Y., Kang, B., Lijffijt, J., De Bie, T., 2023. ReCon: Reducing Congestion in Job Recommendation using Optimal Transport, in: *Proceedings of the 17th ACM Conference on Recommender Systems, RecSys '23*. Association for Computing Machinery, New York, NY, USA, pp. 696–701. <https://doi.org/10.1145/3604915.3608817>
- Mhamdi, D., Moulouki, R., Ghomari, M.Y.E., Azzouazi, M., Moussaid, L., 2020. Job Recommendation based on Job Profile Clustering and Job Seeker Behavior. *Procedia Comput. Sci.* 175, 695–699. <https://doi.org/10.1016/j.procs.2020.07.102>
- MHAMDI, D., OUNACER, S., MSALEK, M., GHOUMARI, M.Y.E., AZZOUAZI, M., 2023. Job Recommendation Based on Recurrent Neural Network Approach. *Procedia Comput. Sci.* 220, 1039–1043. <https://doi.org/10.1016/j.procs.2023.03.145>
- Mishra, R., Rathi, S., 2022. Enhanced DSSM (deep semantic structure modelling) technique for job recommendation. *J. King Saud Univ. - Comput. Inf. Sci.* 34, 7790–7802. <https://doi.org/10.1016/j.jksuci.2021.07.018>
- Mishra, R., Rathi, S., 2020. Efficient and Scalable Job Recommender System Using Collaborative Filtering, in: Kumar, A., Paprzycki, M., Gunjan, V.K. (Eds.), *ICDSMLA 2019*. Springer Singapore, Singapore, pp. 842–856.
- Narula, R., Kumar, V., Arora, R., Bhatia, R., 2023. *Enhancing Job Recommendations Using NLP and Machine Learning Techniques*.
- Qamhieh, M., Sammaneh, H., Demaidi, M.N., 2020. PCRS: Personalized Career-Path Recommender System for Engineering Students. *IEEE Access* 8, 214039–214049. <https://doi.org/10.1109/ACCESS.2020.3040338>
- Rosenberger, J., Wolfrum, L., Weinzierl, S., Kraus, M., Zschech, P., 2025. CareerBERT: Matching resumes to ESCO jobs in a shared embedding space for generic job recommendations. *Expert Syst. Appl.* 275, 127043. <https://doi.org/10.1016/j.eswa.2025.127043>
- Siswipraptini, P.C., Warnars, H.L.H.S., Ramadhan, A., Budiharto, W., 2022. Trends and Characteristics of Career Recommendation Systems for Fresh Graduated Students, in: *2022 10th International Conference on Information and*

- Education Technology (ICIET)*. pp. 355–361.  
<https://doi.org/10.1109/ICIET55102.2022.9779037>
- Trinh, T.-T.-Q., Chung, Y.-C., Kuo, R.J., 2023. A domain adaptation approach for resume classification using graph attention networks and natural language processing. *Knowl.-Based Syst.* 266, 110364.  
<https://doi.org/10.1016/j.knosys.2023.110364>
- Wang, K., Reimers, N., Gurevych, I., 2021. *TSDAE: Using Transformer-based Sequential Denoising Auto-Encoder for Unsupervised Sentence Embedding Learning*.
- Wang, L., Chou, J., Rouck, D., Tien, A., Baumgartner, D.M., 2023. *Adapting Sentence Transformers for the Aviation Domain*.
- Wang, Z., Wei, W., Xu, C., Xu, J., Mao, X.-L., 2022. Person-job fit estimation from candidate profile and related recruitment history with co-attention neural networks. *Neurocomputing* 501, 14–24.  
<https://doi.org/10.1016/j.neucom.2022.06.012>
- Wu, L., He, X., Wang, X., Zhang, K., Wang, M., 2023. A Survey on Accuracy-Oriented Neural Recommendation: From Collaborative Filtering to Information-Rich Recommendation. *IEEE Trans. Knowl. Data Eng.* 35, 4425–4445. <https://doi.org/10.1109/TKDE.2022.3145690>
- Xiao, Y., Liu, F., 2024. Optimized Technique for College Students Job Searching Strategies Using Fuzzy Logic Control with Cuckoo Search Algorithm. *Int. J. Comput. Intell. Syst.* 17. <https://doi.org/10.1007/s44196-024-00614-5>
- Yu, X., Qin, C., Zhang, Q., Zhu, C., Ma, H., Zhang, X., Zhu, H., 2024. DISCO: A Hierarchical Disentangled Cognitive Diagnosis Framework for Interpretable Job Recommendation, in: *2024 IEEE International Conference on Data Mining (ICDM)*. IEEE Computer Society, Los Alamitos, CA, USA, pp. 590–599. <https://doi.org/10.1109/ICDM59182.2024.00066>
- Zhang, M., Jensen, K.N., Sonniks, S.D., Plank, B., 2022. *SkillSpan: Hard and Soft Skill Extraction from English Job Postings*.
- Zheng, Z., Qiu, Z., Hu, X., Wu, L., Zhu, H., Xiong, H., 2023. *Generative Job Recommendations with Large Language Model*.  
<https://doi.org/10.48550/arXiv.2307.02157>
- Zhu, C., Hu, X., Wu, H., Qin, C., Zhu, H., Xiong, H., 2025. Enhancing job recommendations with LLM-based resume completion: A behavior-denoised alignment approach. *Inf. Process. Manag.* 62, 104261.  
<https://doi.org/10.1016/j.ipm.2025.104261>