

Computer science students early drop-out prediction using machine learning : a case study

Maksimova, Natalja; Pentel, Avar; Dunajeva, Olga Learning with Technologies and Technologies in Learning 2022 / p. 523-549
https://doi.org/10.1007/978-3-031-04286-7_25 [Article collection metrics at Scopus](#) [Article at Scopus](#)

COVID-19's impact on the quality of educational process and the academic performance as viewed by IT students : a case study in text mining

Dunajeva, Olga; Pentel, Avar; Maksimova, Natalja ICL 2021: Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021). Vol. 1 2022 / p. 417-425 https://doi.org/10.1007/978-3-030-93904-5_42 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Deep learning based audio-visual emotion recognition in a smart learning environment

Dunajeva, Olga; Pentel, Avar; Ivleva, Natalja; Juštšenko, Valeria Towards a Hybrid, Flexible and Socially Engaged Higher Education : proceedings of the 26th International Conference on Interactive Collaborative Learning (ICL2023), vol. 1 2024 / p. 420-431 https://doi.org/10.1007/978-3-031-51979-6_44 [Conference proceedings at scopus](#) [Article at Scopus](#) [Article at WOS](#)

Machine learning based emotion recognition in a digital learning environment

Ivleva, Natalja; Pentel, Avar; Dunajeva, Olga; Juštšenko, Valeria Learning in the Age of Digital and Green Transition : Proceedings of the 25th International Conference on Interactive Collaborative Learning (ICL2022), Volume 1 2023 / p. 405-412
https://doi.org/10.1007/978-3-031-26876-2_38 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Predicting first-year computer science students drop-out with machine learning methods: A case study

Maksimova, Natalja; Pentel, Avar; Dunajeva, Olga Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020), Volume 2 2021 / p. 719-726 https://doi.org/10.1007/978-3-030-68201-9_70 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Predicting students final test results based on previous grades and demographics

Pentel, Avar; Kaiva, Lisanne-Liis The 11th International Conference on Information, Intelligence, Systems and Applications : IISA 2020, 15-17 July 2020, University of Piraeus, Greece 2020 / p. 377-382 <https://doi.org/10.1109/IISA50023.2020.9284401>

Trust and Trustworthiness from Human-Centered Perspective in Human–Robot Interaction (HRI)—A Systematic Literature Review

Firmino de Souza, Debora; Sousa, Sonia; Kristjuhan-Ling, Kadri; Dunajeva, Olga; Roosileht, Mare; Pentel, Avar; Möttus, Mati; Özdemir, Mustafa Can; Gratsjova, Žanna Electronics 2025 / art. 1557 <https://doi.org/10.3390/electronics14081557>
<https://www.mdpi.com/2079-9292/14/8/1557>

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Maksimova, Natalja; Pentel, Avar; Piirimaa, Anu; Roosileht, Mare Mente et Manu 2020 / lk. 44-45 : fot
https://www.ester.ee/record=b1242496*est <https://dea.digar.ee/article/AKmenteetmanu/2020/09/0/16.2>