Proceedings of the 8th Educational Data Mining in Computer Science Education (CSEDM) Workshop

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This volume[1] represents the proceedings of the selected papers of the 8th Educational Data Mining in Computer Science Education (CSEDM) Workshop (CSEDM 2024), held on July 14, 2024[2].

The objective of the CSEDM workshop series is to facilitate a discussion among the research community at the intersection of Educational Data Mining (EDM), AI and Computer Science Education. The workshops are interdisciplinary events, designed to bring this community together to share insights for how to support and understand learning in the domain of CS using data. Researchers, faculty and students present data mining approaches, methodologies and experiences where AI is transforming the way students learn Computer Science (CS) skills.

CSEDM received 4 submissions to the research papers track, of which 2 were accepted (50%); 7 submissions to the position papers or work-in-progress track, of which 5 papers were accepted (71.4%). We also accepted 1 additional submission to the description track out of 3 submissions. Each paper was peer reviewed by our program committee in a double-blinded way and decisions were made based on these reviews, as well as discussions by the workshop organizers.

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[2]Workshop website: `https://sites.google.com/view/csedm-workshop-edm24/`

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