Proceedings of the 4th Educational Data Mining in Computer Science Education (CSEDM) Workshop

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This volume¹ represents the proceedings of the selected papers of the 4th Educational Data Mining in Computer Science Education (CSEDM) Workshop (CSEDM 2020), held on July 10, 2020. 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.

The 4th CSEDM workshop² at EDM 2020 was hosted in cooperation with SPLICE (cssplice.github.io), which promotes shared standards, protocols, and tools for computing education practice and research.

Out of 17 papers submitted to the 4th CSEDM Workshop, we accepted 4 Full Presentations (24%), among 12 total accepted papers (71%). We also accepted 2 extended abstracts. Each paper was peer reviewed by our program committee and decisions were made based on these reviews, as well as discussions by the workshop organizers.

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²Workshop website: https://go.ncsu.edu/csedm2020

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