

Proceedings of the
5th Educational Data Mining in Computer
Science Education (CSEDM) Workshop

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This volume represents the proceedings of the selected papers of the 5th Educational Data Mining in Computer Science Education (CSEDM) Workshop (CSEDM 2021), held on June 29, 2021. The objective of this workshop is to facilitate a discussion among our research community around Educational Data Mining (EDM) and AI in Computer Science Education. The workshop is meant to be an interdisciplinary event. Researchers, faculty and students are encouraged to share their data mining approaches, methodologies and experiences where AI is transforming the way students learn Computer Science (CS) skills. The 5th CSEDM workshop at EDM 2021 was hosted in cooperation with SPLICE (csssplice.github.io), which promotes shared standards, protocols, and tools for computing education practice and research. Out of 15 research papers submitted to the 5th CSEDM Workshop, we accepted 5 Full Papers (33%), 5 Work-in-Progress Papers (33%) . We also accepted 4 extended abstracts out of 6 submissions. 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.