

FabFolio: Student Portfolios to Elevate STEM Essential Skills and Technical Fluency

Agenda

FabFolio is a new mobile application developed by educators in Tennessee FabLabs that empowers teachers to support student portfolios while providing a feedback loop for students to earn micro-credentials in technical skill fluency and STEM Essential Skills. Attendees will engage in a machine learning project as well as a guided demonstration of the new app.

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Time 1hr 40 min	Activity
0:00-0:10	Introduction and Context
0:10-1:00	Hands-on Project: AI Emotion Tracker Participants will use MicroBits and Google Teachable Machines to track facial expressions and use those expressions to change the color of an LED. Participants will need a laptop or Chromebook. Throughout the project, participants will document their process by submitting evidence through FabFolio using the embedded micro-credential criteria.
1:00-1:30	Demonstration of FabFolio App including evaluation, feedback, and student portfolios
1:30-1:40	Reflect on learning and gather additional user input based on early reactions to the app