

Name of Submitter: Christian Boakye**Submitter Email:** chrisboakye@fullsteaminc.com**Presentation Title:** *From Problem Solvers to Solution Creators: Engineering Challenges with Sphero Rovers and Miniature Machines*

In an age where AI can increasingly solve routine problems, students must learn to become solution creators. In this highly interactive session, participants will engage in hands-on engineering and computational thinking challenges using Sphero Rovers and miniature machines. Attendees will experience the engineering design process firsthand as they design, test, refine and communicate solutions to authentic challenges. Participants will leave with classroom-ready activities, workforce-connected STEM strategies and practical approaches for developing creativity, collaboration, critical thinking and innovation skills that prepare students for future careers.

Presentation Target:

Elementary & Middle School

Presenter(s):

1. Christian Boakye, Founder & CEO, FullSTEAM Inc.
2. Faith Boakye, Director of Curriculum Development, FullSTEAM Inc