
114th Partnership premieres new Spark 101 video – “Computational Thinking in Forensic Software Development” – designed to prepare and inspire students interested in Digital Forensics

Preparing a Technology-focused Workforce for the 21st Century

Rockville, MD (February 12, 2020) –

The [114th Partnership](#) recently premiered a new Spark 101 STEM Skills video entitled "[Computational Thinking in Forensic Software Development](#)." An example of Spark 101's commitment to increasing the number of resources with a technological focus, the video allows students to understand the utilization of technology through the application of the [ISTE Student Standards of Innovative Designer and Computational Thinker](#), among others. The video highlights careers in the digital forensics field, and is freely available on the [Spark 101](#) website.

[ADF Solutions](#), based in Bethesda, MD, was selected as this Spark 101 video's featured organization because of its position as an innovative leader in digital forensics and software development, as well as its tireless commitment to encouraging young people's interest in STEM careers.

"As a global leader in digital forensics and a company committed to furthering the cause of justice, our company depends on the talented, intelligent and committed team members who develop our software and grow our business", stated Bret Peters, CEO of ADF Solutions. "We seek to attract and retain team members with strong STEM mindsets which is why we are delighted to team with Spark101 to help educate young people on the benefits of careers in STEM."

Tiffany Godbout, president of the 114th Partnership (Spark 101's parent organization) said of the project, "Spark 101 STEM Skills videos are used by teachers and students across the nation to inspire underrepresented students and jobseekers to pursue STEM courses and careers. We were delighted to partner with ADF Solutions to create our newest real world challenge! Without partners like ADF, who donated their time, talent and storyline, we could not create these resources to inspire the next generation of STEM professionals."

Since 2002, the 114th Partnership has worked with employers and educators to design, produce, and deliver real world "on-the-job" career challenges that encourage the application of standards-based academic skills in high-opportunity careers utilizing in-person and video formats through its [Spark 101](#) program. Spark 101 includes high-quality educational resources proven to increase young people's science, technology, engineering, and mathematics (STEM) engagement and STEM Pathway Readiness (a construct that includes awareness of STEM careers, how specific courses relate to STEM careers, and STEM problem-solving skills). An independent, third-party evaluation found that all students exposed to Spark 101 increased their STEM career awareness and skills, with significant positive effects on STEM engagement among students with little previous STEM understanding or interest. (For the complete evaluation, see "[Using STEM Case Studies to Prepare Today's Students for Tomorrow's Jobs: An Evaluation of Spark 101 Interactive STEM Videos](#).")

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