Code a Safer Cockpit. Pilot a career in STEM!

BARRY MIGLIA

If you asked Barry Miglia what he wanted to do when he grew up, creating software that helps pilots fly safely would not be the answer.

"I developed an interest in science during my middle school science fair, where I created an electromagnetic repulsion coil that went all the way to the state fair," Barry said. "After that experience, I started taking apart electronic devices that I found around the house to learn how they worked."

Now, instead of taking things apart, Barry works on aircraft dashboard gauges (technically, avionic displays) for both commercial and business jets at Rockwell Collins in Cedar Rapids, Iowa. Most recently, he has been working on an app that pilots can use in checking all of their systems before take-off and during flight.

"It's really rewarding to see the software that I've written out in the lab come to life in the test station and eventually in a plane that will take people all over the world," Barry added. "There are so many opportunities out there for STEM careers, so don't be afraid to experiment and find something that interests you."

Barry Miglia,
Senior Software Engineer,
Rockwell Collins

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