



# SPARCS - She Discovers IoT

Calling all high school sisters in technology. Are you interested in learning how your toaster could text you when your pop tarts are ready? Or, how smart technology can be used to customize your bedroom lights, sounds, imagery, and temperature, to suit your mood and interests? These are just a few of the possibilities when devices are connected to the Internet of Things – a giant network of connected things and people. Worldwide, by 2020 it's estimated that there will be over 26 billion IoT devices installed to improve people's lives. Imagine the fun and excitement....and the job possibilities!

This *SPARCS EXPERIENCE* will get you started with the basics of IoT programming! You will learn more about the principles underlying embedded systems and IoT, and be provided an introduction to the basics of working with sensors and actuators to create physical systems that interact with their environment. You'll meet women working in the field, learn the basics of this growing field, and work in groups on a design challenge.

This **FREE** event is perfect for beginner IoT types and those with some previous related experiences.

**When:** **Saturday, February 23, 2019 – 8:45am-3:30pm** (Note: poor weather back up date is Saturday, March 9)

**Where:** Minnesota State – IT Center of Excellence, 1380 Energy Park Lane, St. Paul

**Features:** Snacks, beverages, and lunch will be provided

**Note:** Location directions, and other details emailed one week prior to event

**To Register:** <https://www.surveymonkey.com/r/SPARCS-IoT-2-23-19> **Registration deadline is February 14, or until event fills.** Questions: Call 612-659-7224 or email [russell.fraenkel@metrostate.edu](mailto:russell.fraenkel@metrostate.edu)



**SPARCS** is about Sustaining Passion, Ambition, and Resolve for Career Success. It's a complementary program of Minnesota Aspirations in Computing, offering young women in high school opportunities to learn new technology skills, network with other young women with tech interests, engage with technology professionals, and explore college and career options. The program is supported by Minnesota State – IT Center of Excellence and numerous business partners. To learn more, visit <https://mnstateitcoe.org/sparcs-events/>