

# CPS Security Summer Camp 2019 - Student Edition

Submitted by Katie Dey on Tue, 12/04/2018 - 4:45pm

## Cyber-physical Systems Security Summer Camps 2019

Two 2019 summer camps were held at the Vanderbilt University Institute for Software Integrated Systems in Nashville, Tennessee. The camps offered a hands-on curriculum that teaches cybersecurity, programming, and robotics. Students worked in teams utilizing WiFi-enabled robots and NetsBlox ? a visual block-based programming environment specifically designed to teach distributed programming and computer networking. The NetsBlox environment enables students to disrupt or hijack each other?s robots, allowing them to be both attacker and defender. These camps demonstrated to students the need for various detection and defense mechanisms and spark interest in further studies in cyber-physical systems security.

### PROGRAM DATES

- Offering #1: June 10-14, 2019 (full)
- Offering #2: June 24-28, 2019 (full)

### PAST CAMPS

- [2018 CPSS Summer Camps](#)
  - [2017 CPS Summer Camp](#)
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