

codestock — academy —

Date: May 6, 2017, 8:00AM - 4:30PM

Location: Knoxville Convention Center, 701 Henley St, Knoxville, TN 37902

Point of Contact: Brad Miller (brad.miller@codestock.org)

Organization Website: <http://codestock.org>

Registration Link:

<https://www.eventbrite.com/e/codestock-academy-2017-tickets-32725542980>

Details:

In partnership with the CodeTN and Knoxville Entrepreneur Center, the CodeStock corporation is offering a one day code camp on May 6th at the Knoxville Convention Center during our annual technology conference. This program is open to high school students of any skill level and offers an immersive experience into the world of technology.

The day will be split into two segments. First, your student will receive a morning of instruction based on their current skill level, whether they are a complete beginner or are more advanced. Our instructors have prepared a curriculum aimed specifically for high school students. Depending on the level you identify for your student, they could learn the basics of Scratch programming, HTML/CSS to develop websites, and even more advanced application development with Python.

After lunch, we will be dividing up the attendees into groups in order to experience different segments of technology for the afternoon.

First, we have our friends at ORNL bringing the Tiny Titan supercomputer and other cool technology for the students to interact with during their time with us. The Tiny Titan is a \$1000 classroom supercomputer that is used to teach parallel computing concepts. Using an Xbox controller to interact with Tiny Titan, the students will see the results of load-balancing and communication via a graphical simulation. Your student will be able to download the instructions to build their own version of TinyTitan after the event.

Pellissippi State Technical Community College will be exhibiting their Tinker Lab for students to have a hands on experience on maker technology.

Finally, your student will have access to a Virtual Lab courtesy of our friends at Tennessee Code Academy. They will have the opportunity to use some of the most contemporary technology in AR and VR.

Register at the link provided and come join us on May 6th!