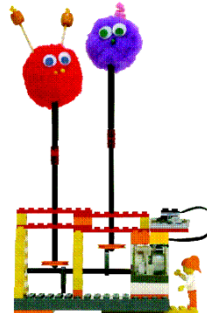# Adventures in Computing
with
The UGA Computer Science
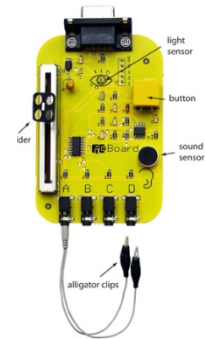## Dept. and Summer Academy at UGA

<u>Pico Crickets + Scratch</u>

Discover the **Pico Cricket** (a tiny computer that can make things spin, light up, and play music). Use it to create arts and crafts for the digital age! - a musical pickle, a birthday cake that sings when you blow out the candles, a cat that purrs when you pet it!

Level: Middle School (ages 11-15)
Date: Mon-Fri, June 15th – 19th
Time: 8:30 am - 3:30 pm
Cost: $299 (scholarships available)
Limited to 20 participants

Use the **Scratch** program to make your own 2D animations and games. Then use the PicoBoard's light and sound sensors to control your on-screen Scratch creations!

<u>Alice + LEGO NXT</u>

Learn to design your own 3-D movies and games using Alice, an innovative 3D programming environment that makes it easy to create an animation for telling a story, playing an interactive game, or sharing a video on the web.

Level: Middle School (ages 11-15)
Date: Mon-Fri, July 6th – 10th
Time: 8:30 am- 3:30 pm
Cost: $299 (scholarships available)
Limited to 20 participants

Build a **LEGO robot**. Then use the LEGO MINDSTORMS software to program your robot to complete a maze!

Alice + LEGO NXT - Advanced

Alice is an innovative 3D programming environment that makes it easy to create an animation for telling a story, playing an interactive game, or a video to share on the web. The 3D graphics and a drag-and-drop interface is a great way to learn introductory programming!

Build one of 5 **LEGO NXT robot**s. Then use the LEGO MINDSTORMS software to program your robot to complete a maze, compete in battle, or complete other challenges!

Level: High School (ages 14-17)
Date: Mon-Fri, June 22nd^th^ – 26th
Time: 8:30 am - 3:30 pm
Cost: $149 (scholarships available)
Limited to 20 participants

Applications for registration available in early March.
See: www.georgiacenter.uga.edu/spring09

For scholarship info, please contact eileen@cs.uga.edu.

 Early-bird, additional child, and UGA student/employee discounts also available.

Legion Pool option: For an additional fee of $25, student may participate in the extended-day Legion Pool option from 3:30 to 5:30 pm each day. Students will be escorted to the pool and chaperoned by a Georgia Center staff member. See registration form for additional information.