Summer Camp

The **Institute for Computing Education** is offering camps for elementary, middle and high school students. The camps will start at 9am and end at 3pm. We are offering afternoon care Monday through Thursday from 3pm to 6pm for an extra fee. Each Friday a Parent Show will be held from 2pm to 3pm. Lunch, t-shirt, and an afternoon of recreation will be provided.

Elementary School Camp
(Rising 4th - 6th)

June 9-13 - Visual Art and Simulations with LEGO NXT and Scratch
$300

June 23-27 - Computational Crafting with Blockly and Arduino
$300

July 7-11 - Animal Simulations with LEGO NXT and Scratch
$300

July 14-18 - Art and Movement with Scratch and LEGO WeDo
$300
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Middle School Camp
(Rising 6th - 8th)

June 16-20 - Apps and Telepresence with Robots with App Inventor and LEGO NXT
$300

July 21-25 - Art, Music, and Games with Scratch and App Inventor
NCWIT Supported (Girls Only)
$150

July 28-August 1 - Music and Dancing with PicoBoard, and Scratch
$300
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High School Camp
(Rising 9th - College Freshman)

June 2-6 - Make your own Apps with App Inventor
$200

June 9-13 - Make Android Apps in Java
Requires programming experience
$300

July 21-25 - EarSketch I
$200

July 28-Aug 1 - EarSketch II
Pre-requisite EarSketch I
$200

App Inventor allows you to create apps for Android cell phones using drag-and-drop programming. You can make music, put silly hats on a picture of your friend, and more.

Arduino allows you to create kinetic sculptures, electronic toys, musical instruments, or a small robot. Use Blockly, a drag and drop programming language to program the Arduino.

EarSketch allows you to create new music and remix music using the programming language Python.

Java App Development will teach you how to use the popular programming language Java to create Android apps. You will learn how to make a drum machine and a translator and even design and create your own app.

LEGO NXT kits are used to create lots of projects like spin art, a flipping gymnast, a paper shredder, and much more!

LEGO WeDo kits can be used to create a top spinner, a ball kicker, a goalie, an alligator that chews and much more!

PicoBoard allows you to make musical pickles, test your reaction time, or even make your own game controller.

Scratch is free software from MIT that you can use to create cool animations, interactive art, music and games.

For more information and to apply visit:
http://coweb.cc.gatech.edu/ice-gt/2271. There is a non-refundable application fee of $20. Questions? Email us at gatech.ice@gmail.com

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