

# BUILD YOUR OWN ANDROID APP

## ONE-DAY CAMP FOR MIDDLE SCHOOL GIRLS

FEBRUARY 20, 2016



## SPONSORED BY

National Center for Women & Information Technology  
Microsoft Research  
School of Information Systems and Applied Technologies

## IN COOPERATION WITH

Conference and Scheduling Services  
Southern Illinois University Carbondale

## PROGRAM OVERVIEW

The Build Your Own Android App Day Camp is a one-day program designed to introduce middle school girls to the fun of mobile application development for Android phones. The camp will take place on the campus of SIU Carbondale. The curriculum for the camp includes about 5 hours of face-to-face instruction in Android mobile application development using the MIT's App Inventor.

### COURSE DESCRIPTION

Students will be introduced to concepts for developing applications that run on the Android platform. Students will gain hands-on experience creating and deploying mobile applications with App Inventor, an open source visual development tool.

The course will explore features such as networking, web services, location services, phone sensors, media, speech recognition, and animation.

Students will gain a taste of college education as some of the topics covered in the camp are taught as part of the Information Systems and Technologies curriculum. However, the course is tailored to the age and experience of the camp participants.

### LEARN / UNDERSTAND

- Create mobile applications for Android phones
- Build layouts and interfaces to interact with users
- Store information on the phone and on the web
- Use the phone sensors such as the location, accelerometer and orientation sensors
- Interact with Google Maps

### APPLICATION

Camp enrollment is limited to 25 participants. Registration will be on a first come, first serve basis.

**However, potential attendees must be nominated by their schools.**

Nominees will be notified regarding acceptance to the camp. Visit our website to learn more about the application process.

### SCHEDULE

8:30–9 am	Registration
9–11:30 am	Class Activities
11:30–12:30	Lunch
12:30–3 pm	Class Activities
3 pm	Showcase & Dismissal

### ADVANCE REGISTRATION REQUIRED

A \$20 deposit is required. Deposits and registration forms for selected campers should be received by **February 15, 2016**. The deposit is refundable upon completion of the camp. Applicants not meeting the payment deadline will forfeit the camp slot. Additional information will be mailed to campers along with the registration confirmation.

The University reserves the right to cancel any program. In the event of cancellation, only those pre-registered will be notified.

### CONDUCT POLICY

The student and parent will be required to sign a Conduct Policy prior to attending the camp. Paperwork will be forwarded with a registration confirmation letter.

Our recommendation is that all concerned review the policy together before signing, then return it to Conference and Scheduling.

For more information, please visit our website at  
[isat.siu.edu/camps](http://isat.siu.edu/camps)

### NO PHONE REQUIRED

Attendees are not required to have an Android phone to participate in the camp. The department currently owns Android phones that will be used in class. However, students may bring their own Android phone to use for class assignments.

### CHECK-IN

**Saturday, February 20, 2016**

**When:** 8:30–9 am.

**Where:** SIU Morris Library

### CHECK-OUT

**Saturday, February 20, 2016**

**When:** 3:00–3:15 pm

**Where:** SIU Morris Library

### MEALS

Lunch and snacks will be provided.

### MEDICAL RELEASE FORM

A medical release form is required for camp participation and must be received in our office at least 3 business days prior to the camp.

Visit [conferenceservices.siu.edu](http://conferenceservices.siu.edu) to download the form or call 618/536-7751 to request a form by mail.

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## CONTACT US

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