CAMP LOCATION

All camps are offered by the Computer Science Department, which is part of the John D. Odegard School of Aerospace Sciences. The Computer Science Department is located in Streibel Hall, located at the West end of campus.

CAMP STAFF

Tom Stokke

Tom teaches a variety of computer science classes at the University of North Dakota. His research interests include computer science education and user interfaces. Tom's hobbies include playing, coaching and refereeing volleyball. Tom also enjoys spending time with his wife, Angie, and his three young children: Nick, Erik and Elle.

Nancy Rice

Nancy is the department's office manager who helps with the "behind the scene" tasks. She handles purchasing and tracks the camp finances. Nancy enjoys watching the camps come together and helping make them a success.

Camp staff will also include graduate and undergraduate students from the UND Computer Science department. They have been selected because of their interest in computer science education.

UND AEROSPACE
UNIVERSITY OF NORTH DAKOTA

**Computer Science Department
Streibel Hall Room 201
3950 Campus Road Stop 9015
Grand Forks, ND 58202-9015
Phone: 701.777.4107**

ANDROID

Android App Inventor Camp

June 22-26, 2015
9 am - 4 pm

August 10-14, 2015
9 am - 4 pm

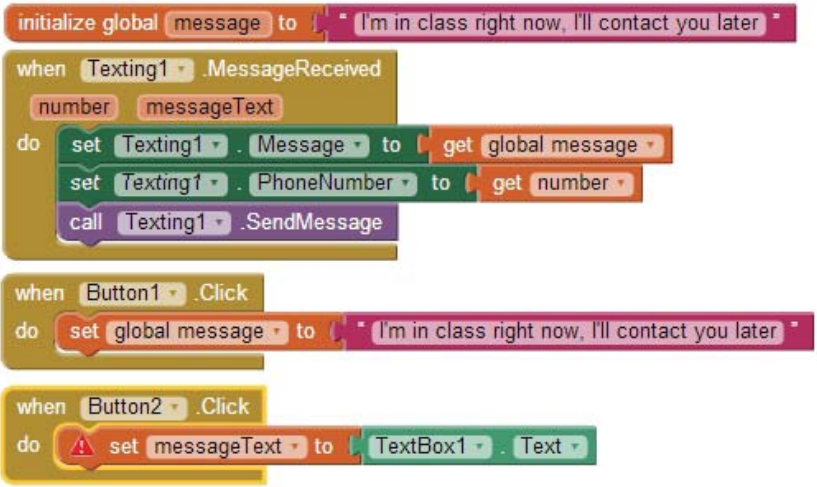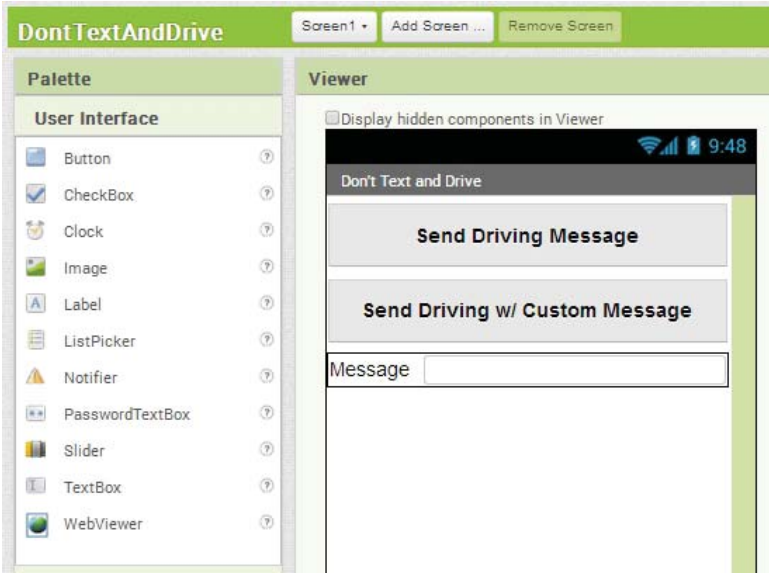**UND AEROSPACE**
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http://camps.cs.und.edu

Android App Inventor is a visual, drag and drop web-based tool for building mobile applications for Android devices. Campers will be able to create user-interfaces by dragging components onto a screen. The first day campers will be creating user interfaces using components that allow the app's user to enter text, click on button, or view an image.

Creating the "behavior," or the programming of the app is accomplished by connecting blocks. There are blocks for moving an image (think of a player in a game), accepting and analyzing information entered into the user interface, sending, receiving and denying phone calls.

App Inventor allows the user to create real applications for Android devices. The style of programming, using drag and drop interfaces, was designed for those with little or no programming experience, but the apps are real. App Inventor allows the user to access the phone's dialer, SMS (texting) capabilities, GPS, and accelerometer (tilting the device) among other features, allowing the camper to write fully functional apps that can be installed and used on any Android phone. Many of the apps available through the Android Play Store have been created using App Inventor.

Actual program to automatically respond to a text message.

As part of the camp, each child will receive a t-shirt, a certificate of completion, and numerous tutorial files to use at home to create additional apps.

App Inventor was initially offered by Google in 2010. App Inventor has since been taken on by the MIT Center for Mobile Learning group. App Inventor is freely accessible through the web, but does require a Gmail account. Because of age restrictions and the need for parental confirmation of accounts for minors, campers MUST have a working Gmail account BEFORE coming to camp. UND CS camps WILL NOT assist campers in creating a Gmail account (if needed, we will assist parents in creating an account for their camper).
Students in the Grand Forks public school system can use their mygfschools.org email address.

For more information about the Android App Inventor program to go http://www.ai2.appinventor.mit.edu

For questions about the camp contact
Tom Stokke • 701-777-3337 • tstokke@cs.und.edu

For questions about registration contact
Brenda Dufault • 701-777-0841 • brenda.dufault@UND.edu

Cancellation and Substitutions

Cancellations can be made by completing a withdrawal form at www.conted.und.edu/secure/withdrawal/ (you will need your confirmation email receipt number to complete the process).
If the cancellation notice is received by one week prior to the start date, you will be refunded your registration fee minus a $35 processing fee. No refunds will be given AFTER one week prior to the start date. Substitutions can be accommodated by contacting Brenda Dufault at 701-777-0841.

- No refunds will be made due to behavior issues
- The registration fee will not be pro-rated if the camper leaves early for any reason

We reserve the right to cancel a camp due to low enrollment numbers.

This camp is geared for children ages 11 - 18. While there are no requirements for this camp, please understand that this is an introduction to programming with the intent of developing problem-solving and critical-thinking skills.

Morning and afternoon snacks will be provided, however campers will need to bring their own lunch. Supervision will be provided during the lunch hour. Please contact us if other arrangements need to be made.

Scholarships
A limited number of need-based scholarships are available. Please call Tom Stokke for more information, 777-3337.

To register using a credit card, go to www.summer.und.edu
To register with a check payable to UND, complete the following registration form and mail to:

Summer Programs & Events Office
Attn: Android App Inventor Camp
3264 Campus Road Stop 9021
Grand Forks, ND 58202-9021