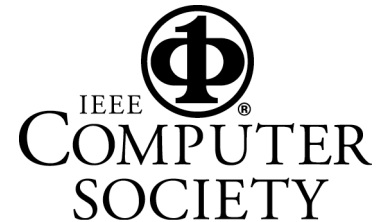


**PRINCETON ACM / IEEE-CS CHAPTERS
FALL SEMINAR**

Android 101

Saturday, November 5, 2011, 9:00 a.m. – 4:00 p.m.
Palmer Inn, 3499 US 1 South, Princeton, NJ
Cost: \$125



This seminar is a “hands-on” workshop on programming for Android devices.

Android is the most widely used operating system for smart phones and a serious contender in the tablet market. Android applications can be built using free development tools.

In this grand tour of Android, you will learn about the mobile device development cycle from start to finish.

- What decisions do you face before, during, and after the creation of an Android app?
- What technical skills must you bring to the table?
- How do you train yourself to “think mobile”?

This workshop covers fundamentals of the Android operating system, the app development lifecycle, and tools you can use to publish your app. We will cover everything from Cupcake (Android 1.5) to Honeycomb (Android 3.2) and beyond.

This presentation is aimed at newcomers to Android application development. Prior experience with Linux and object-oriented programming are helpful, but not required.

We will cover the following topics:

- The Android operating system
- Development platforms and target platforms
- Developing with Dalvik Java
- Designing Android apps for mobility
- Testing on emulators and on mobile devices
- Debugging Android apps
- Optimizing apps for a mobile device
- Publishing apps on the Android market (and other venues)

Barry Burd is a professor of Computer Science and Mathematics at Drew University in Madison, New Jersey. He is the author of several books, including the textbook *Pascal by Example*, *Java For Dummies*, *Ruby on Rails For Dummies*, and *Android Application Development All-in-One for Dummies* (to appear in December 2011).

NOTE: This is a hands-on seminar. Participants need to bring a **laptop or notebook computer** with the following characteristics:

- The computer needs to have a **USB port** -- we will provide a pre-loaded thumbdrive with tools.
- (We will have a couple of CD-ROMs with copies of the materials for laptops without a USB port.)
- Windows XP / Windows Vista / Windows 7 / MacOS X / Linux

CEUs: Participants can receive CEUs (Continuing Education Units) for this seminar, an \$18.00 application fee applies.

ADVANCE REGISTRATION REQUIRED – print, fill out, and mail the registration form on the next page.

The registration fee includes the seminar course notes, a thumbdrive with tools and materials for the exercises, lunch, and morning and afternoon coffee breaks.

Confirmed registrants will be notified by mail, provided registration is received at least one week before the seminar.

Please make check payable to:
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OF ACM**

Mail check and form to:
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P. O. Box 1324
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PRINCETON CHAPTER OF ACM/IEEE COMPUTER SOCIETY
FALL 2011 PROFESSIONAL DEVELOPMENT SEMINAR
REGISTRATION FORM

Name: _____

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City, State, Zip: _____

Telephone: () _____

Email address: _____

Check if address is: Home Business

Seminar: Android 101 – November 5, 2011, 9am-4pm

Regular Registration: \$125

Late Registration (after Oct. 24): \$135

Extra fee to receive CEUs: \$18

ADDITIONAL INFORMATION:

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web page: <http://PrincetonACM.acm.org>



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