Creating Mobile Apps Using MIT’s App Inventor

Monday-Friday, June 20-24, 2016

Class meets at University of California, San Diego from 8:30am-3:00pm.

Course Description

Bring your imagination and spend a fun week creating animated Android Apps using MIT’s App Inventor 2 web-based software. Make and import your own sounds, avatars, and objects. Invent a mobile interactive game and share it with your friends!

- Past programming experience is helpful, but not necessary
- Students will be given online resources to continue creating apps at home on their own
- All software is free and is available online--even after the course is over

What is MIT App Inventor?

MIT App Inventor is an innovative beginner’s introduction to programming and app creation that transforms the complex language of text-based coding into visual, drag-and-drop building blocks. The simple graphical interface grants even an inexperienced novice the ability to create a basic, fully functional app within an hour or less.

The MIT App Inventor project seeks to democratize software development by empowering all people, especially young people, to transition from being consumers of technology to becoming creators of it.

Schedule of Class Activities

Monday, June 20.......... Welcome—Getting into the app making mode—Ideas, ideas, and more ideas!

Tuesday, June 21......... Creating and importing your own sound, images, and backgrounds
                        Adding methods, parameters and functions—Multiple screens and buttons

Wednesday, June 22.... Advanced features and functions—Troubleshooting tips

Thursday, June 23........ Game design, development and collaboratively test your apps

Friday, June 24 .......... Exporting your apps, sharing, and the finale “QR Code” App Tour

Instructor: Ruth Maas, Computer Science Teacher—Steele Canyon High School

Prerequisites: Must be a current middle school student in grades 6-8
               No programming experience needed!
Course fee: $260.00

Registration is open until filled. Register early as space fills quickly. Space is limited.

If you have any questions regarding this workshop or the application process, please contact Ange Mason via phone at 858-534-5064 or via email at amason@ucsd.edu