Coding is Cool – Level 1

Creating Android Apps Using AppInventor
Boise State University
June 23-24, 2015

- Lab computers will be available but participants may bring their own laptops.
- We will have at least one Android tablet available per team. If you have an Android phone or tablet, please bring it along with the USB cable.

Day 1: Introduction to Computer Science and AppInventor

Introduction to Computer Science

- 8:30-9:00 – Introduction, team formation, survey (Amit)
- 9:00-10:00 – Visual Coding using Blockly (Amit)
- 10:00-10:15 – Coffee Break
- 10:15-11:30 – What is Computer Science? (Tim)

Lunch Break: 11:30-12:30

Introduction to AppInventor

- 12:30-1:00 – Introduction to AppInventor (Amit, Sydney)
- 1:00-2:15 – Setup environment and two small apps (HelloBunny, TalkToMe)
- 2:15-2:30 – Coffee Break
- 2:30-4:00 – Work through tutorials for two apps (PaintPot, MoleMash)
- 4:00-4:30 – Teams brainstorm to come up with an App idea.
Day 2: Digging Deeper

App Design and Guided Coding in AppInventor
- 8:30-9:00 – Problem solving and App design (Amit)
- 9:00 – 10:00– Guided Coding in AppInventor
  - Participants now work in groups to identify the steps required to create their app
  - Each group will then develop their app in AppInventor
- 10:00-10:15 - Coffee Break
- 10:15-12:00 – Guided Coding in AppInventor (contd.)

Lunch Break: 12:00-1:00

Guided coding in AppInventor (contd.)
- 1:00-3:30 - Participants continue to work on their projects with the help of the instructors.

Short Presentations and Conclusion
- 3:30 – 4:00 – End of Workshop Survey
- 4:00 – 5:00 – Showcase your apps (Tim)
  - Present your idea for an app to the class
  - Show the current status of your app to the class
  - Present future directions for the app