

Tufts Mobile Governance, October 17, 2013

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Course Offerings With Mobile Components

- COMP 20: *Web Programming* (responsive design)
- COMP 120: *Web Engineering* (Android)
- COMP 97 and 98: *Senior Capstone Project* (various)
- COMP 150-ISW: *Music Apps on the iPad* (iOS)
- COMP 150: *User Interfaces for Mobile Platforms* (iOS, Android, Windows Phone)

Selected Students' Works

- 2010:
 - *Findjoey* by Ari Kobren, Dan Schoening, Zach Bialecki, <http://findjoey.net/>
 - *The Facility* (iOS) by Foster Lockwood, <http://enews.tufts.edu/stories/1664/2010/08/24/MobileApps>
- 2012:
 - *iJumbo* (iOS, Android) by Amadou Crookes, <http://ijumboapp.com/>
 - *Medivise*, Imagine Cup 2012 US Finalists, <http://www.youtube.com/watch?v=LxYvCB7drEM>
- 2013:
 - *imPact Remix* (iOS; from “Music Apps on the iPad course”) by Sam Zeckendorf, Nate Harada, and Jasper Degen, <https://itunes.apple.com/us/app/impact-remix/id593623478?mt=8>
 - *TuftsLife* redevelopment, <http://www.tuftslife.com/>
 - *PartyBus* (iOS) by Brandon Conron, <http://www.strikingly.com/partybusapp>

Development Tools

- Tufts EECS iOS Developer University Program
- Crashlytics (now part of Twitter) for iOS and Android Apps
- Veracode's Static Analysis

Hackathon

- Friday, October 25th - Saturday, October 26th at 194 Boston Avenue, first of two hackathons in 2013-2014 academic year
- Past hackathons in spring 2012, spring 2013. Title sponsor: Evernote. Additional sponsors: Twilio, Microsoft, GitHub, The Echo Nest

Future Direction

- *The PC Industry Shrank Another 9%, Gartner Says* (<http://www.businessinsider.com/pc-industry-shrank-another-9-gartner-says-2013-10>)
- *17.4% of Global Web Traffic Comes Through Mobile* (Mashable, August 2013)
- *Mobile Devices Now Make Up About 20 Percent of U.S. Web Traffic* (All Things D, 2012)
- The greatest asset: students and youth
- Foster an environment to allow students to produce apps for the University; give them the data to work with.
 - Examples: MBTA Developer Program, <http://www.halliganhelper.com/> by Tyler Lubeck, GetchaBooks <http://www.inc.com/coolest-college-start-ups-2011/getchabooks.html>