Aiswarya P. Kolisetty

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EDUCATION

Franklin W. Olin College of Engineering in Needham, MA   May 2013
B.S. in Electrical & Computer Engineering (ECE)
Full-tuition scholarship, GPA 3.47
Technical: Comp Architecture, A/D Communications, Circuits, Signals & Systems
University of Illinois in Urbana-Champaign, IL (Study Away)   Jan - May 2012

EXPERIENCE

User Experience Intern - Waltham, MA   February 2013 - May 2013
- Working with a stealth-mode startup to enhance the usability of their software.
- Conducting user tests and developing for their front-end web UI.

Tesla Motors, Systems Test Intern (Model S) - Palo Alto, CA   May - August 2012
- Automated user behavior tests, saving 2+ hrs of manual testing on a firmware release.
- Validated firmware that will be in production cars: reported bugs, simulated faults.
- Kickstarted upgrade of the Model S testing buck to start-of-production version

Tesla Motors, Touchscreen User Experience (side project) - Palo Alto, CA   July 2012
- Redesigned sections of the Central Display on the Model S with wireframes.
- Conducted usability studies with testers, iterated designs, and presented 4 ideas to UI manager.

IMEC Vehicle Design Intern - Leuven, Belgium   June - August 2011
- Concepted *Aura* - concept vehicle for daily commute in European cities.
- Human powered with electric-assist; focuses on personalization, sustainability, social sharing.
- Designed exteriors, interiors, and engineering specs. Fabrication planned for June 2012.

CQS GroepT Racing Team (Electronics) - Leuven, Belgium   June - September 2011
- Wireless communication between electric car *Odyssee* and pitlane for real-time data collection.
- Improved reliability and got exposed to using RS-232 Serial Communication with Xbee.
- Brought modularity to team's data-analyzing Java software, now easily adds/tracks sensors.

Personality Psychology Research Assistant - Olin College   June 2010 - May 2011
- Co-author of paper on Borderline Personality Disorder in psych journal (June - August 2010);

PROJECTS

Suffrage iPhone App (Working Title)   January - May 2013
- An app for people to share the meaning of voting and elections their life.
- Currently building the iOS app; hope to have a working prototype by May.

Myndr iPhone App: An Aid for Alzheimer's   September 2012 - May 2013
- Testing & codesigning for an iOS app with Alzheimer's patients and caretakers.

Zimba, a Water Purifier in India   September 2012 - January 2013
- Product redesign of Zimba, a water chlorinator that gives drinking water to the poor

Human Factors Interface Design   September - December 2011
- Designed UI of *BOWtie*, a cross-registration course planning tool.
- Process: paper prototypes and usability tests; Prototype: HTML5, CSS, JavaScript.

Principles of Engineering   September - December 2010
- Built a mechatronic automatic lock cracker that takes finds the correct combination and cracks it open any MasterLock. Featured in *Wired, ASME magazine*.

SKILLS   HTML/CSS, JavaScript, Adobe CS, Objective-C, Python, C, Java, mySQL, MATLAB