Levi Lindsey

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--- EDUCATION --

University of California, Riverside   **Sep 2011 – Aug 2013**
- M.S. in Computer Science. GPA: 3.43.

University of Washington, Seattle   **Aug 2006 – Jun 2011**
- B.S. in Computer Science. GPA: 3.61 (avg. of 21-22 credits per quarter). *Graduated with College Honors.*
- B.M. in Vocal Performance. GPA: 3.61.

--- EMPLOYMENT --

Natural UI Tutoring Systems   **UCR**   **Sep 2011 – Jun 2013**
Graduate Student Researcher (Software Developer)
- Led a team of seven graduate students in the development a pair of statics tutorial systems.
- One system runs on Livescribe smartpens (Java); the other system runs on tablet PCs (Visual C# with WPF).
- Deployed to 150 students in an introductory statics course at UCR in the winter of 2013.
- Developed auxiliary systems for the creation of problems and the analysis of user activity logs.

Teaching Assistant   **UCR**   **Sep 2012 – Jun 2013**
- Software Construction (C++) (two quarters). Intro to Programming (C++) (two quarters).

Audio Signal Processing   **Voice Box Technologies**   **Summer 2011**
Software Developer Intern
- Integrated a noise-suppression algorithm into VBT's pre-existing voice activity detection system. Tuned it for optimal performance (C with C++ wrappers). Currently used extensively with VBT customers.

Dietary Data Recording System   **UW**   **Apr 2010 – Jun 2011**
Research Assistant (Software Developer)
- Developed an Android application to record the dietary intake of nutrition study participants.
- Involved capturing accelerometer and magnetometer measurements, while capturing video frames, and while firing a Bluetooth laser-grid device--all for the off-line calculation of food volume.

--- PROJECTS --

- **A Tile-Matching Puzzle Game Web App** (Sep 2013). HTML5/Javascipt. (jackieandlevi.com/squaredaway). Code at github.com/levisl176/squared_away.
- **A Novel Algorithm for Real-Time Gesture Recognition** (2013). Visual C# with WPF.
- **Wedding Invite/RSVP Website** (2012). PHP/Javascript with jQuery. (jackieandlevi.com/wedding).
- **Handmade Ukulele Business Website** (2010). PHP/Javascript with jQuery. (www.rainydayukes.com).
- **Blind-Accessible Route Finding/Navigation Application** (2011). (Android). Code at: http://code.google.com/p/mobileaccessibility/source/browse/#svn%2Ftrunk%2FPhoneWand.

--- TECHNICAL SKILLS --

Proficiency: Java, JavaScript, C#, C++, C, HTML, CSS, Android API, WPF API, Livescribe API
Experience: Bash scripts, SQL, PHP, OpenGL, R, SuperCollider, LaTex