Levi Lindsey

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--- EDUCATION ---

University of California, Riverside	M.S. in Computer Science (GPA: 3.43)	**Aug 2013**
University of Washington, Seattle	B.S. in Computer Science (GPA: 3.61)	**Jun 2011**
University of Washington, Seattle	B.M. in Vocal Performance (GPA: 3.61)	**Jun 2011**

--- EMPLOYMENT ---

Video Player SDKs	**Anvato**	**Oct 2013 – Present**

Software Engineer
- Developed video player SDKs for HTML5 apps, Windows Store/Phone apps, and Roku apps.

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.

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 ---

- **Code Pen: Numerous Small Projects** (2013-present). Javascript.
- **Web App: Tile-Matching Puzzle Game** (2013). Node.js/HTML5/Javascipt. (jackiandlevi.com/squaredaway). Code at github.com/levisl176/squared_away.
- **Web App: Chess Game** (2013). HTML/JavaScript. (jackiandlevi.com/chess).
- **Gesture Recognition: Novel Real-Time Algorithm** (2013). Visual C#/WPF.
- **Web App: Wedding Invite/RSVP System** (2012). PHP/Javascript/jQuery. (jackiandlevi.com/wedding).
- **Business Website: Handmade Ukuleles** (2010). PHP/Javascript/jQuery. (rainydayukes.com).
- **Android App: Blind-Accessible Route Finding/Navigation** (2011). Code at: code.google.com/p/mobileaccessibility/source/browse/#svn%2Ftrunk%2FPhoneWand.

--- TECHNICAL SKILLS ---

Proficiency: Java, C#/Xaml, C++, C, JavaScript, HTML/CSS, Android API, Livescribe API
Experience: Node.js, MongoDB, SQL, PHP, Bash scripts, OpenGL, R, SuperCollider, BrightScript