

# 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 ---

<b>Video Player SDKs</b> Software Engineer	<b>Anvato</b>	<b>Oct 2013 – Present</b>
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- Developed HLS video player SDKs for the HTML5, Windows Store and Phone, Roku, and Android platforms.
- The HTML5 player SDK loads and plays four times faster than that of Anvato's leading competitor.
- The combined Anvato player SDKs drew more than 528,000 viewers per minute during the 2014 SuperBowl, making it the most-viewed single sports event delivered online.

<b>Natural UI Tutoring Systems</b> Graduate Student Researcher (Software Developer)	<b>UCR</b>	<b>Sep 2011 – Jun 2013</b>
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- 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.

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

<b>Dietary Data Recording System</b> Research Assistant (Software Developer)	<b>UW</b>	<b>Apr 2010 – Jun 2011</b>
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- 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 ---

- **Web App: Photo Viewer** (2014). HTML5/CSS3/JavaScript. (jackieandlevi.com/wedding/photos).
- **Web App: Tile-Matching Puzzle Game** (2013). NodeJS/HTML5/CSS3/JavaScript. (jackieandlevi.com/squared-away).
- **Web App: Chess Game** (2013). HTML/JavaScript. (jackieandlevi.com/chess).
- **Gesture Recognition: Novel Real-Time Algorithm** (2013). Visual C#/WPF.
- **Web App: Wedding Invite/RSVP System** (2012). PHP/JavaScript/jQuery. (jackieandlevi.com/wedding/invite).
- **Android App: Blind-Accessible Route Finding/Navigation** (2011). Code at: code.google.com/p/mobileaccessibility/source/browse/#svn%2Ftrunk%2FPhoneWand.
- **Business Website: Handmade Ukuleles** (2010). PHP/JavaScript/jQuery. (rainydayukes.com).

## --- TECHNICAL SKILLS ---

**Proficiency:** Java, C#/Xaml, C++, C, JavaScript/HTML5/CSS3, Android API, Livescribe API, SVG

**Experience:** Node.js, MongoDB, SQL, PHP, Bash scripts, OpenGL, R, SuperCollider, Roku/BrightScript