

# 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 -----

### User Interface Development                      Idean                      Mar 2014 – Present

UI Developer

- Levi just joined Idean, where Levi will be doing front-end JavaScript development.

### Video Player SDKs                      Anvato                      Oct 2013 – Mar 2014

Software Engineer

- 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.

### 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.

### 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). 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.
- This app 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 -----

Complete list at: [www.jackieandlevi.com/levi/projects](http://www.jackieandlevi.com/levi/projects).

- **Web App: Chat Server & Client** (2014). Node.js/Socket.IO/JavaScript. ([fat-cat-chat.elasticbeanstalk.com](http://fat-cat-chat.elasticbeanstalk.com)).
- **Web App: Photo Viewer** (2014). JavaScript. ([jackieandlevi.com/wedding/photos](http://jackieandlevi.com/wedding/photos)).
- **Web App: Web "Doodle"** (2014). JavaScript/SVG. ([jackieandlevi.com/metabounce](http://jackieandlevi.com/metabounce)).
- **Web App: Tile-Matching Puzzle Game** (2013). Node.js/JavaScript. ([jackieandlevi.com/squared-away](http://jackieandlevi.com/squared-away)).

## --- TECHNICAL SKILLS -----

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

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