

# Alvin Yuan

Large Project Lead, UX Engineer, at Honda R&D Americas, Inc

alvinyuan@gmail.com

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## Summary

I'm a driven project leader with a focus to bring the best user experience to customers through data driven analysis. Right now, I do just that for Honda and Acura vehicles. I see myself on a career trajectory where I can continue to build better consumer experiences—whether on the web or in the car. Characteristics I employ to do my job: project management, user-centric design, road map design, strong written and oral communication skills, presentation planning and deliverance, data-oriented decision making, A/B testing, , My “work” outside of work consists of educating myself on different aspects of web development for a better understanding of idea-to-product implementation and reading about on-the-verge tech trends. Check out my GitHub to see what I've been working on.

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## Experience

### **Large Project Lead, UX Engineer at Honda R&D Americas, Inc**

November 2012 - Present (2 years 7 months)

Large Project Lead (Project/Product Manager) of speech recognition technologies • Create product road map for Honda and Acura in car technologies systems by conducting surveys and analyzing customer interviews • Lead a team of programmers as well as Honda engineers around the world to bring new speech products to the market • Work closely with senior leaders on strategy to define our brand • Lead the development of next generation HMI concepts and design heuristics for future UX's • Secure new IP for company by filing two patents related to vehicle UX One of my key interests is to stay updated on trending consumer tech news. I've attended SpeechTEK, CES, and the LA Auto Show to network with like-minded people and learn about new innovations. You can reach me at 310-270-0336

### **Mechanical Engineer Intern at Newnex Technology**

2012 - 2012 (less than a year)

NewNEX is a developer and supplier of USB and Firewire interconnection products. • Stepped into the role of inspector for all incoming and outgoing products and product components. • Key project was to develop testing and assembly protocols for the latest USB 3.0 repeaters. • I would also debug any defective items and develop the necessary rework procedures to resolve malfunctions. (Also worked to troubleshoot customer problems.) • Designed connector overmolds for a USB 3.0 cable and communicated with manufacturers to ensure that they followed our office designs exactly before launching into full-scale production.

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## Certifications

### **Certified Usability Analyst**

Human Factors International      December 2014

### **Certified Scrum Product Owner**

Scrum Alliance      March 2015

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## Education

### **University of California, Davis**

Bachelor's Degree, Mechanical Engineering, 2007 - 2012

Activities and Societies: Integrated Studies Honors Program

### **University of California, Davis**

Bachelor's Degree, Aerospace, Aeronautical and Astronautical Engineering, 2007 - 2012

### **Udacity**

Nanodegree - Front End Development

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## Skills & Expertise

**Matlab**

**Data Analysis**

**Solidworks**

**Product Management**

**Speech Recognition**

**User Experience Design**

**User Interface Design**

**Usability Testing**

**Technology Roadmapping**

**Inventor**

**Patents**

**JavaScript**

**Front-end Development**

**PHP**

**jQuery**

**HTML5**

**CSS**

**Git**

**Github**

**Backbone.js**

**KnockoutJS**

**AngularJS**

**Bootstrap**

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## Languages

**English**

(Native or bilingual proficiency)

**Chinese**

(Native or bilingual proficiency)

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## Honors and Awards

EIT: Mechanical Engineering

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## Volunteer Experience

**Senior Shift Leader at Kaiser Permanente**

April 2003 - June 2007 (4 years 3 months)

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[Contact Alvin on LinkedIn](#)