

Alvin Yuan

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

alvinyuan@gmail.com

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.

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 • Created product road map for Honda and Acura in car technologies systems by conducting surveys and analyzing customer interviews • Led a team of programmers as well as Honda engineers around the world to bring new speech products to the market • Worked closely with senior leaders on strategy to define our brand • Led the development of next generation HMI concepts and design heuristics for future UX's • Secured 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.

Certifications

Certified Usability Analyst

Human Factors International December 2014

Certified Scrum Product Owner

Scrum Alliance March 2015

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

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

Languages

English

(Native or bilingual proficiency)

Chinese

(Native or bilingual proficiency)

Honors and Awards

EIT: Mechanical Engineering

Volunteer Experience

Senior Shift Leader at Kaiser Permanente

April 2003 - June 2007 (4 years 3 months)

Courses

Independent Coursework

Responsive Web Design Fundamentals Go to class

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[Contact Alvin on LinkedIn](#)