

# HARRY ZHONG

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**OBJECTIVE:** Seeking a full time position to contribute knowledge and skills in innovation within the fields of product design, manufacturing and lifecycle management.

**EDUCATION:** STANFORD UNIVERSITY, Stanford, CA (9/03 – present)  
BS. Engineering with a major in Product Design. Will confer June 2007 GPA 3.4/4.0  
**Coursework:** Statics, Dynamics, Mechanism Design, Electronics, Strength of Materials, Human Values, Product Formgiving, Product Needfinding, Manufacturing & Design, Computer Aided Product Design, Visual Thinking, Fundamental Visual Language, Programming Methodology, Psychology and Perception, Photography

## WORK EXPERIENCE:

**Product Development Intern** – *Orbit Baby Inc.*, Newark, CA (6/06 – present)

- Evaluated and implemented concepts for existing and new baby stroller products utilizing sketches, CAD & rapid prototyping.
- Benchmarked competitor feature sets to stay ahead in market.
- Helped facilitate communication between US design office & China manufacturers.
- Assigned to help represent the company at China factory to inspect & improve launch product production, tasks included overseeing production line setup and operation and new product prototyping.

**Lead Developer**, *Stanford Internet Solutions*, Stanford University, Stanford, CA (12/04 – present)

- Designed and implemented small scale to corporate level web sites and applications.
- Tasks included collaborating with clients to define needs, project specifications and methods of improving web presence.
- Results include 400% increase in profits for Stanford Store online store.

## LEADERSHIP EXPERIENCE:

**Focus Assistant**, *Stanford Kimball Hall*, Stanford, CA (9/06 – present)

- Organized, managed and led fine arts related workshops for Stanford communities.

**Vice President/Technical Director**, *WebWorks*, Stanford, CA (9/04 – present)

- Directed all technical operations of this web design workshop series.

## PRODUCTS:

*Light Shelf* – LED mood lamp doubles as key, phone and wallet organizer.

*The Lazy Tote* - Prototyped and manufactured folding aluminum laundry hamper.

*Invisi-Desk* – Prototyped a clear dry erase aid for Ohlone Elementary school students.

*Pepsi Day & Night*: Prototyped a new cola category for Pepsi. Drink encourages sleeping in addition to staying awake, promoting the idea of wellness.

*LED Beam Bike Light*: Prototyped shock mounted high intensity LED light for mountain bike.

## SKILLS:

**Software:** SolidWorks 06, Dreamweaver MX 04, Flash MX 04, Fireworks MX 04, Photoshop CS2, Illustrator CS2, Eclipse 2.0, Microsoft Word, Microsoft Excel

**Programming:** JAVA, JSP, HTML, CSS, PHP, Javascript, MySQL, Action Script.

**Design:** Rapid Modeling/Prototyping, Sketch / Life Drawing, Animation, Film Photography, 3D Modeling, Graphic Design, Digital Photography, Web Interface/Application

**Machine:** CNC Hass Mini-Mill, Fuse Deposition Modeling, Lathe, Mill, Laser CAM, Tube Bending, Sand Blasting, Brazing, Soldering, Freeze/Interference Fitting, Sanders (Belt & Rotary), Router, Drill.

**Languages:** Fluent in Mandarin reading and speaking, proficient in writing.

- **On-Line Portfolio:** <http://designs.harryzhong.com>
- U.S. Citizen