Steven Yang - What My Life Will Be Like in 2012

Purpose: In 2012 I will be more **patient**. I will expand my skills to the full-web stack development from ethernet setup, backend development and agile development with Rails. I will also start with very basics on design skills - drawing while dust off photograph skills. I would also explore new areas such as branding/scents/innovation/story-telling.

I will mainly focus on web development & system administration works @ scentlibrary and write tutorials as a way to organize and distribute what I have learned.

Outcomes: At the end of 2012, I will collect **3800** pomodoros (11.51/day) and record **3000** hours (9.1/day). I will build **2** good habits and cut **2** bad ones. I will be able to setup network services with Linux. I will build **1** database-drive RoR websites, **2** cutting-edge experiments, contribute to **1** open-source projects and be **top 10%** at stackoverflow.com. I will learn drawing **80 hours** and make **2** graphic design projects and **1** video-taping project. I will write **20 tutorials**. I will exercise **285** hours and run **10km in 50'**, swim **50m in 60"** and **500m in 15'**. I will climb to the snow mountain Mt.Haba. I will make **4** public presentations.

Theme: 2012 is the year of the expansion. Besides solidating skills of frontend development, I will extend my understanding of web server and database and enhance my programming language proficiency through my work at ScentLibrary. I would also develop basic drawing skills and try some visual design projects. Moreover, I would explore new areas in branding/scents/innovation through my reading routines.

Categorized goals:	Actions required for each goal:	Time Overall	Deadline:
Highlights or Most Important	**Summary**	*3037*	
Category #1 Internal Development	I will practice patience and build 2 good habits while cut 2 bad ones.	90	
Category #2 Web Development	I will become a master of CSS2.1 and improve my skills of jQuery; know how to use SQL and build at least one webapp with RoR. I will have done experiments with cutting-edge technology.	675	
Category #3 Sys-admin&Programming	I will have a soild knowledge about computer network and be able to setup various secured Web service with Linux; I will be proficient in javaScript(coffeescript) and Ruby. I will gain 10K reputation on stackoverflow.com and contribute to one open-source project.	650	
Category #4 Digital Design skills	I will learn drawing and video-taping and I will finish two graphic design projects and one video-taping project. I will also dig into the fields of UX design.	395	
Category #5 Blog Writing	I will write 20 tutorials about how-tos about what I have done with my work and I will update more content to my blogs and reach 1,000 readers.	160	
Category #6 Travel	I will travel to Mohe and leave a step on Russia. I will climb Mt.Haba and bicycle in countries of southern-east Asia.	0	
Category #7 Exploring	I will explore the fields of branding/scent/story-telling/innovation/computer-science	630	
Category #8 Network	I will make 4 public presentations.	32	
Category #9 Physical	In order to recover low backbone aches and prepare for traveling, I will establish a light everyday exercise routine and hike/bicycle to country-side Beijing every month. If possible, I want to practice Taiji Quan after Spring.	405	

Category #1 Internal Development

1. Be more patient against boring, simple work.	Spend 15min writing one page of characters everyday, empty your mind.	90	31-Dec
2. Build 2 good habit.	Exercise everyday / getting up early		31-Dec
3. Cut 2 bad habit.	mass / arriving late		31-Dec

Category #2 Web Development

6. Build an one-page website	Use HTMl5 template / use bootstrap / use coffeescritp	60	31-Mar
1. Learn Agile Development with RoR.	Read the Agile Development Book 60 hours The Rails 3 Way 60 hours Take the saas-class courses 30 hours	150	31-May
2. Thinking in SQL, learn to use one SQL and noSQL database.	Find good SQL resources to study 50 hours Setup and Learn to use PHPadmin 20 hours	70	31-May
8. Do cutting-edge experiments with HTML5/CSS3/three.js	Imagine what could be done with the new technology / build two small projects using the new HTML5 APIs/ javaScript Library.	80	
3. Know HTTP details and how web server works.	Read the source code of Sinatra(1k5) 15 hours (100l/hr)	15	31-May
7. Build an RoR based e-commerce site.	Build-up the backend / design the interface / build the frontend with backbone.js	200	31-Dec

Goal	Tasks	Hours	Deadline
4. Be an expert at CSS2.1, thinking about the rendering details through code.	Study again carefully about the CSS2.1 specification about positioning, write examples for each rules 30 hours Read articles from AlistApart.com/css 20 hours <Designing_with_Web_Standards> 30 hours	80	31-Oct
5. Be an expert at jQuery, know its inner workings.	Learn jQuery animation workings, queues, defer() 20 hours	20	31-Oct

Category #3 Sys-admin&Programming

Goal	Tasks	Hours	Deadline
5. Master Git as source control and deployment tools.	Read Git Pro / Understand as a 'file' system. 40 hours Learn tools based on git, heroku / github 10 hours	50	31-Mar
4. Learn to config HTTP services.	Learn the structure of Nginx server; 20 hours Install and config Nginx on Ubuntu; 10 hours Learn configuration options of lighttpd for basic usage; 5 hours	35	28-Feb
2 Learn some security solutions to protect public servers	Setup shorewall to protect the server. 10 hours	10	31-Mar
11. System Admin Work	Setup back-up services with Amazon EC3; 10 hours Learn to write bash-scripting to setup the same environment on development. 10 hours	20	30-Apr
1. Learn to establish 1000M intranet with GFW crossed with one server.	Learn to use tools to measure network quality. 10 hours Learn the concepts of computer network (switchers, routers / IP gateway, mask, port) 60 hours Learn how to setup DHCP/DNS/Proxy/VPN/DD-WRT server with Linux. 30 hours The Borderless Project 20 hours	120	30-Jun
6. Solidate knowledge about JS, learn to write in coffeescript.	Review javaScript - the Definitive Guide, memorize the API 20 hours Learn DOM elements / basic BOM element. 10 hours Finish the small book about coffeescript. 10 hours Read three advanced javaScript book but practice in coffeescript <Pro JavaScript> 30 hours <Javascript Design Patterns> 30 hours <Secrets of JavaScript Ninja> 30 hours	130	31-Dec
7. Learn Ruby and Ruby tools to perform daily tasks.	Read the <Programming Ruby> for basics, remember the APIs. 50 hours Read the source code of girlfriend(500l) 5 hours Learn to use Ruby tools for daily scripting work - build, backup, cronjob 30 hours Learn to write Rdoc-format comments. 5 hours	90	31-Dec
10. Contribute to at least one open-source project.	Ruby/coffee related Project, 10 hours / week, 2 months.	80	31-Dec
8. Answer questions on stackoverflow.com, gain 10k+ reputation.	1k / month. Spend 30min/day answering related questions.	115	31-Dec

Category #4 Digital Design skills

Goal	Tasks	Hours	Deadline
1. Learn to draw what you have seen with pencil or pen. Draw at least 32 pages.	Take a drawing lessons - 40 hours (2 * 20 hours) Drawing practices 40 hours	80	31-Dec
6. Learn more about photographying skills	Trying different hardwares / Learn new shotting skills 40 hours	40	30-May
2. Learn more about typographys and layouts.	Read <Thinking in Type> 20 hours Read something more about layout 20 hours	40	
3. Finish two graphic design projects. Practice Illustrator and Photoshops.	Conduct namecard design projects 20 hours Conduct one post design projects 30 hours	50	
5. Make videos document a natural scenes.	Shotting skills / Processing skills learning - Final Cut Pro 20 hours Hardware hacking (put on your bicycle etc.) 10 hours The natural scenes 20 hours + 20 hours	70	30-Sep
4. Learn terms in the fields of UX and human-computer interactions.	<Sketching User Experience> - 40 hours Take the HI classes at Feb. - 30 hours 52 Weeks of UX 25 hours <Universal Principle of Design> - 20 hours	115	

Category #5 Blog Writing

Goal	Tasks	Hours	Deadline
2. Reach 1,000 readers on the blog.	Personal Site Enhancement(photographys) 20 hours Do SEO on your site 10 hours	30	30-May
1. Writing 20 Chinese-English tutorials about Howtos.	Write about what you have learned at your job. 8 hours / post	160	

Category #6 Travel

2. Visit Mohe and step on Russia.	June 21th to Mohe. One week Off	30-May
3. Bicycling countries in Southern-Asia.	July - August / Three Week Off	31-Aug
5. Climb one snow mountain - Haba	October - One week Off	31-Oct
4. Travel hacking in the Beijing city.		

Category #7 Exploring

2. Read about how to setup a brand.	<Influence>, <Tipping Point>,<Tribe>	80
3. Expand your vocabulary about scents.		80
4. Read about story-telling and humor.	<Writing Humor>, <Body Language>	80
5. Read about innovation and creative work.	<The Art of Innovation>,<The Brain changes itself>	80
11. Read 3 books about computer science field.	<The Coder at work> 50 hours <The.Mythical.Man.Month.F.Brooks> 20 hours <Dreaming in Code> 40 hours	110
6. English Learning - Pick up Supermemo Drills	Pick up where you left at your supermemo drills	200

Category #8 Network

3. Make 4 public presentations.	Attend 4 technology-related meetings / gatherings.	32

Category #9 Physical

2. Hiking / Bicycling to country-side Beijing every month.	12 hours / month	120
4. Swimming / Running twice every week.	twice - 5 hours / week	230
3. Establish an everyday light exercise routine.	push-ups /	55

POSSIBLE ADDITIONAL GOALS:

Dig into jQuery	Read jQuery source code (8k, 255fns) 80 hours	80	
Computer System Management	Learn more about system programming (SP) CH2/3/6/7/8/9/10/11/12 100 hours	100	31-Mar
	Learn the concepts of Quickcheck testing and Unit test concepts. 10 hours	20	
Learn to write tests	Learn Ruby/Coffee tools to implement tests. 10 hours		
Learn Taiji Quan			