

Professional Resume

Shu Zong Chen

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What I Do

Though a generalist at heart, my professional career has been within the arena of web development. I am a Python evangelist but I have no issue using the right tool for the job. I have an unhealthy dislike for Javascript but wield it like a ninja. I've dabbled in Erlang and Scala and Haskell and Factor and Go and You-Name-It because I think there is never a point where you can stop learning. I open-source a lot of things. For some reason whenever I visit a new website I always inspect the response headers. I advocate using a VPS over shared or dedicated hosting (though I'll admit there is a time and place for either).

I take pride in my work, I love my wife, and I love my baby boy.

Summary of Skills

- Programming languages: PYTHON, PHP, JAVASCRIPT (+COFFEESCRIPT), JAVA.
- Markup and Design: HTML, CSS (+LESS/SASS)
- Frameworks: DJANGO, TORNADO, NODE.JS
- Javascript Toolkits: DOJO, JQUERY, UNDERSCORE
- Relational Databases: POSTGRES, MYSQL, SQLITE
- Document-based Databases: MONGODB
- Server Configuration: NGINX, APACHE
- Backend caching: REDIS, MEMCACHE
- Frontend caching: VARNISH
- VCS: MERCURIAL, GIT, SUBVERSION
- Deployment Automation: PUPPET, FABRIC
- Layout: ADOBE INDESIGN, SCRIBUS

Professional Experience

2010-Present Python Developer/Designer, RealGeeks

Front-end and back-end development on high traffic real estate websites. Stack consists of Django deployments connected with MySQL for membership data and MongoDB for property database.

2008-Present Developer/Designer/Server Admin, FreelanceDreams LLC

(FreelanceDreams from 2008-2011, FreelanceDreams LLC from 2011+) Freelance design, development, and managed hosting services for local businesses and non-profits.

2011-Present Blogger, AlohaStartups.com

Blogging about topics related to developers and development for a local blog targeting startup companies and people in Hawai'i.

2009-2010 Web Developer/Server Admin, Syllabee

In charge of web-stack for a startup aiming for Y-Combinator with a note-taking application. Created proof-of-concept site on Tornado-web with comet-powered notifications and in

browser dynamic mind map.

2006-2010 **Web site Manager, Center for Chinese Studies**

Design/development for CCS and affiliated sites. Performed site redesign and reorganization in 2007. Current work on custom dynamic content distribution system, and custom administrative backend. Includes work on an intranet database system in support of publication for journal CHINA REVIEW INTERNATIONAL. Also design for affiliated CONFUCIUS INSTITUTE (<http://chinesestudies.hawaii.edu/confucius/>).

Volunteer Experience

2011-Present **HiCapacity.org**

At large developer/board member/server administrator for local makerspace.

2008-Present **Japanese Cultural Center of Hawai'i**

Volunteer work in Historical Gallery. Manpower/IT for receptions and events.

2004-2010 **Japanese Culture Club**

Various community service projects. Officer position (Information Secretary) from 2006 - 2010, assisting in coordinating events.

Education

2006-2010 **University of Hawai'i at Mānoa, Master of Arts in Japanese Literature**

Unfinished MA. Graduation put on indefinite hold .

2004-2005 **Hiroshima University**

2000-2006 **University of Hawai'i at Mānoa**

Undergraduate Bachelors of Education Degree in Secondary Education, Mathematics. Awarded Spring 2006 with overall GPR: 3.51

Professional Portfolio

<http://freelancedreams.com/>

<http://shu.freelancedreams.com/>

<http://bitbucket.org/sirpengi/>

<http://github.com/sirpengi/>

RealGeeks redesign, <http://realgeeks.com/>

WEB DESIGN AND DEVELOPMENT: Site design and development. Django-backed system to replace the old (rotting) wordpress deployment.

Chinese Language Teacher's Association Membership Page, <http://member.clta-us.org/>

WEB DESIGN AND DEVELOPMENT: Site design and php development. Custom membership portal with user registration and PAYPAL integrated membership payments.

The California Hotel & Casino Exhibit

GRAPHIC DESIGN: Exhibit design for large format Spyder display, accompanying Excalibar stands, advertising paraphernalia related to exhibit.

References

(available on request)