
Web, App, and DevOps Software Development | Tech Consulting/Leadership/Training

Tech Chameleon: Rapid, enthusiastic mastery and utilization of complex, new technology

Innate Talent for Inter-personal & Tech Process Optimization; Passion for Collaboration

Professionally-trained, Bilingual Listener, Leader, Speaker, Trainer, Coach, Facilitator

* 7.5 yrs: Leading **full-stack, end-to-end software development** projects (*optimizing competing demands of product & project managers, as well as from UI, security, and engineering teams*)

* 9+ yrs: **Shaping/realizing business visions**, including an engaging, secure, and flawless web presence across all browsers (*crafting DevOps tools, customer-facing sites & applications*)

* 5 yrs: Developing and implementing **automated test methodologies and frameworks for QA/Quality Assurance** (*leading to highly-successful product releases*)

* 10+ yrs: **Leading/building teams and projects** * 13+ yrs: **Running all aspects of a business**

* 8+ yrs: **Teaching/coaching/mentoring success** * **Bilingual/well-traveled/culturally educated**

Tech Skills

* Python/Django/Pytest/Pandas, CI/CD, TDD, Perl, Java/J2EE, LAMP (Linux/unix/bash shells, Apache, MySQL, PHP), JavaScript/jQuery/AJAX/JSON, ORM, MVC, OOP, Git, Bootstrap, HTML/CSS

* MS Office, XML/XSLT, C/C++, OpenGL, Visual Basic, FacebookAPI, Yahoo! JavaScript frameworks (YUI)

Professional/Consulting Experience { [Portfolio](#) | [LinkedIn](#) }

Software Developer/Tech Consultant, Various individual & small business clients **9/13-pres**

- Develop and Deploy Python Applications
 - *Web*: **Responsive** Software Project Portfolio (ORM/SQL DB; **Django** and Bootstrap frameworks)
 - *Desktop*: Digital Oracle with **Speech Recognition and Speech Synthesis** Birthday Mailer (sends automated, customized client emails; utilizes **Pandas** dataframes)
- Analyze and sanitize 8,382 software project files across several GitHub repositories
 - Designed Python/Perl tools to merge 1,616 profanities, etc. from 6 sources in disparate formats, test profanities against each GitHub file, and generate Executive Summaries for business owner
- Increase client safety, efficiency, and enjoyment via optimal technology setup and usage
 - Demystify, coach and tutor technology: computers, website development, purchase decisions, modems, routers, smart phones, EMF radiation mitigation, wireless-free networking, etc.
 - Author and mentor Step-by-Step Process and Educational Guide to maximize client online and mobile privacy, and minimize tracking of internet and phone usage

Team-Lead/Sr. End-to-End Web Developer, Altera Corporation **5/12-7/13**

- Develop Java, Javascript/jQuery, Perl and HTML/CSS for internal and customer-facing websites
 - Meet "technically impossible" deadline: Complete redesign and flawless simultaneous launch of geo-aware US, Japan, and China corporate websites (**~1 million views/day total on the 6 sites**)
 - **Increase server maintenance efficiency, security, error-rate, downtime by 1200%!** (DevOps)
 - Enable secure Share/Merge/Sort/Categorization/Display of Knowledge Base documents (Web App)
- Lead technical architecting and deployment of Altera's next-generation web presence
 - **Increase website infrastructure resiliency 40%** via high-level technology improvements
 - Champion, teach and implement state-of-the-art software engineering best practices
 - Optimize intra-group communications and code development, maintenance and release processes

Professional/Consulting Experience (continued)

Team-Lead/Sr. End-to-End Web Developer, Altera Corporation (continued) 5/12-7/13

- Support personal/professional development of team of junior developers in Malaysia
 - Cross-cultural career coaching, technical training, and professional mentoring
- Act as liaison between team of developers in Malaysia and various website stake holders locally in San José (upper management in Marketing, Technical Publications, IT, etc)

Sabbatical 11/11-4/12: Co-lead 10-day Rejuvenation Retreat in HI; Assisted training life coaches at the *Co-active Training Institute*; Bilingual Energy Auditor & Trainer for *Acterra Green@Home* and *Energy Upgrade California*; Built 1,045 gal. rainwater reclamation system; 10-week "Sustainable Future" course; Learned to play didgeridoo; Developed sound healing protocol; Studied at *World Rhythm Festival/Seattle*

Senior End-to-End LAMP Web Developer, Various start-ups, non-profits, and for-profits 11/09-10/11

- *Justice International/Voluntad Popular* — Venezuela (start-up/non-profit)
 - Devised system **allowing Venezuelan diaspora to vote "for the first time since Chavez"**: Online registration, validation and voting for primary election, integrated into Joomla-based social network
 - Employed Geo-aware OO PHP and Javascript, jQuery/AJAX, CSS3, MySQL/ORM, Joomla
- *Finding Favorites* – Scottsdale, AZ
 - Realized teen vision for fun, highly secure, social networking app with private admin area (Facebook-integration, MVC, OO PHP, JavaScript/jQuery/AJAX, MySQL, CSS3, FirePHP)
- *Personalized Stress Management* – San José, CA
 - Empowered therapist to sell products, add/edit webpages, and manage passive income business via custom website/tools (Google AdSense/Analytics, PHP, jQuery/JavaScript, XHTML/CSS, GIMP)

Sabbatical 7/09-12/09: CleanTech research; Google AdWords course; Acterra's Green@Home Energy Auditor training; 12-day meditation retreat; Taught meditation/Thailand; Spanish immersion in Spain

Lead Software Engineer/LAMP Web Apps, Yahoo! (Mail/Anti-Spam Group) 8/08-6/09

- Designed **lightweight MVC Framework**, and **100% AJAX application on the framework**, that both engineers and non-techies use to track/manage spam and hacker reputations of internet domains
 - Architected as a **web application template to improve future tool quality, team collaboration, usability, and time-to-market speed by 60-70%**! (via reusable, highly-configurable modules)
 - Manages both human-specified and real-time, proprietary, AI-model-generated domain reputations
- Redesigned Web 2.0 application that engineers, managers, and Yahoo! Customer Care folks use to evaluate/track reputation of email originators, via minute-by-minute stats, world-wide, in real-time
 - Accesses huge amounts of data in a highly-secure, expedient, intuitive and user-friendly manner
 - Utilizes Object-Oriented PHP and JavaScript, jQuery, AJAX/JSON, YUI CSS and JavaScript frameworks, MySQL, XHTML/CSS, and home-grown ORM on Unix/Subversion platform

Senior LAMP Website Developer, Village Heartbeat 7/08-3/09

- Empowered tech-phobic owner to control/edit dynamic content and manage business via CMS and customized, private/secure Web Apps (PHP, MySQL/ORM, JavaScript/XHTML/CSS, Apache, GIMP)

Lead Software Engineer/LAMP Web Apps, Yahoo! (Front Page/International Group) 5/07-11/07

- **Breakthrough Automation! - First time ever non-tech creatives can create and deploy content on extremely complex US Front Page!** (www.Yahoo.com, web's most-trafficked page at that time)
 - Empowers any Yahoo! page (Autos, Music, etc) in any country: Already **in use by US, Argentina, México, Singapore, Telemundo Front Pages**, and some subordinate pages, by project completion
 - Utilizes Object-Oriented PHP and JavaScript, AJAX/JSON, YUI CSS and JavaScript frameworks, home-grown ORM (MySQL + PHP), XHTML/CSS, XML/XSLT on Unix/Linux/CVS platform

Senior Technical Trainer, Computer Magic Training 5/05-5/07

- Generated **highest-ratings ever** for Object Oriented Design, Java, JavaScript, Visual Basic Instruction

Education

Bachelor of Science: **Computer Engineering** (GPA: 3.6/4.0), *Case Western Reserve University*, OH
 Minor: **Corporate and Interpersonal Communications** (GPA: 4.0/4.0)

Associate of Arts: **Spanish:** *DeAnza College*, Cupertino, CA (Magna Cum Laude)

Full Curriculum: **Co-Active Coaching:** *The Co-active Training Institute (CTI)*, San Rafael, CA

Soft Skills Addendum

Soft Skills Training

- Decker Method **Effective Communicating**, and Langevin **Instructional/Training Techniques** courses
- Will Shutz' **Human Element Trainings** on **corporate relationships and teamwork**
- **Non-Violent Communication (NVC)** training and utilization (1.5 yrs developing co-housing community)
- **ATLAS Teacher Training - Taught** English literacy and GED topics to adults of Sunnyvale community
- Various **Coaching** Workshops, Classes and collaborations with The Co-active Training Institute (CTI), Coach University, New Ventures West, NLP Institute of CA, Thomas Leonard (Coach University and CoachVille founder), Laura Whitworth (CTI founder)

Management, Leadership/Facilitation, Team Building and Teaching

- **Managed** all aspect of house remodels totaling \$100k (*increased rental value +15%, sales value +30%*)
- **Facilitated** prep and tax-free, 1031 exchange transfer of \$2M property (*+250% rent increase*)
- **Founded/Incorporated/Managed** company (LLC) to execute corporate event center business
- **Managed/Facilitated** Spanish Group for The World Affairs Council (*Grew paper list of 35 and a human phone-tree to 500+ members, with shared leadership, a website, self-maintaining member data-base, and email invites*)
- **Taught/Coached** Career/Life Advancement skills in **English/Spanish** to low-wage earners (non-profit)
- **Co-founded/Lead** True Work Circle (*95% transitioned to new career and/or living environment*)
- **Founded/Lead/Facilitated** Adult & Teen Wisdom Circles for Personal Growth, Support and Community
- **Facilitated** high-school *Challenge Day* experiences (empowered teen leaders to transform school culture)

Environmental/Green Leadership, Presentation and Teaching

- Acterra Green@Home **Bilingual Energy Auditor/Presenter** (*average savings per home visit: 1,000 lbs Carbon, 20,000 gals water*)
- **Directed** talent and studio crew of 8 to produce **live environmental TV program** ("Common Ground")
- **Environmental Volunteers Multi-Subject Training** to **teach 1st-8th graders** nature/science experientially
- Energy Upgrade CA Educator at various Home Shows
- RWC Verde Talk **Presenter on green lighting technology**
- Tamera Healing Biotopes course (creating healthy, harmonious cultures of peace and sustainability)