

Peter S. Gorgone

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SKILLS & EXPERIENCE

- Web programming: PHP, MySQL, AJAX/JSON, HTML, CSS, Javascript/JQuery, REST, OAuth, Web 2.0 APIs (Facebook, Twitter, etc)
- CMS/Frameworks: Yii, Symfony MVC with Doctrine ORM, CodeIgniter, Zend Framework, Wordpress.
- Other programming languages: C (expert), C++ (advanced).
- Web Analytics Tools: Mixpanel, Google Analytics.
- Cloud Hosting: Amazon Web Services (AWS) EC2, RDS, Load Balancing
- Version Control: git, mercurial, cvs
- Solid understanding of data structures, design patterns, computer and web architecture.
- Rapid prototype development using “Lean Startup” methodology.
- Highly proficient with Linux, MySQL, and Apache administration (including shell scripting & Linux command line, vi).
- Excellent debug/troubleshooting skills; expertise in Zend Debugger, Firebug, gdb, Visual Studio.

PROFESSIONAL EXPERIENCE

PSG CONSULTING, LOS ANGELES, CA & LAS VEGAS, NV

2008-2013

Founder/Developer, freelance web consulting company

- <http://archive.onedayonearth.org>: Developed AJAX-driven archive site for site hosting thousands of home videos shot on Oct. 10, 2010 (10/10/10) and following years. LAMP-based backend integrated with Google Maps, Vimeo Hosting API, and Ning Social Network API integration. Features include search, video comments & ratings, I18N support. Development of full “ecosystem” of tools including an admin panel and custom video uploader.
- www.paidyet.com: One-click payment system. Performed maintenance, and added new features on the front-end (AJAX, Javascript, CSS & HTML).
- <http://www.robotdough.com>: Web 2.0 stock investing website. Built and optimized features in Symfony MVC Framework with Doctrine ORM, including leaderboard based on user portfolio performance, dashboard with user “missions”, and “equity browser” that lets users easily find a stock by navigating sector and industry hierarchy interactively.
- www.graduationnation.com: E-commerce site that sells graduation videos online. Integrated new shipping vendor (CustomCD service using SOAP), general website maintenance and optimization.
- General Displays & Television (General Electric funded Web TV Startup): Developed plug-ins (in C and PHP) for proprietary TV browser to read Atom and MRSS feeds.

PAVIA SYSTEMS, SEATTLE, WA
Web Development Engineer

2008

- Developed and maintained online education website for the construction industry using PHP and MySQL.

OPEN INTERFACE, SEATTLE, WA
Senior Software Engineer

2006 - 2007

- Implemented Bluetooth Handsfree Profile with concurrent multiple channel capability.

EQUATOR TECHNOLOGIES, SEATTLE, WA
Software Engineer, Embedded Development

1999 – 2006

- Developed products in C for a video-processing chip, including set-top box backend and video decoders (Windows Media, MPEG-2).
- Integrated 3rd-party Digital Rights Management (DRM) library into set-top box product.
- Developed toolkit APIs to seamlessly integrate low-level modules (on-chip VLC processor, video decoders) with high-level applications.

SGI, MOUNTAIN VIEW, CA
ASIC Design Engineer, Advanced Media Division

1997 - 1999

- Designed and developed hardware circuits for OpenGL geometry chip.

SIEMENS ULTRASOUND, ISSAQUAH, WA
Software Engineering Intern

1996

- Implemented high-performance imaging algorithms in C and assembly for state-of-the-art ultrasound 3-D imaging application.

EDUCATION

M.S., Electrical Engineering, University of Washington, Seattle, WA

M.S., Technical Japanese, University of Washington, Seattle, WA

B.A., physics, Wesleyan University, Middletown, CT

TRAINING & DEVELOPMENT

C++ Certificate Program, University of Washington Extension, Seattle, WA

Java Programming, University of Washington Extension, Seattle, WA

Win32 Programming, Berkeley Extension, San Francisco, CA