ROBERT BRENNAN

Location: Santa Monica, CA
Contact: 424-272-1969
Email: 1bobbrennan@gmail.com

TECHNICAL SKILLS

Languages: JavaScript, PHP, HTML, CSS, Ruby, C/C++, .NET
Frameworks: Zend, Yii, Laravel, jQuery, NodeJS, WordPress, SASS/Less, Various JS frameworks
Related Tech: MySQL & NoSQL DBs, Couchbase, Solr**,** Apache, NGINX, Amazon Web Services (AWS)
Tools: Git, Grunt/Gulp, Vagrant, Capistrano, Puppet, Jira, Pivotal, PhotoShop, Jenkins, Eleasticsearch
Portfolio: http://www.bobbrennan.com

PROFESSIONAL EXPERIENCE

BloomNation – Santa Monica, CA   **October 2015**
Software Engineer
- Integration of new features & legacy code refactoring / bug fixes for the Magento eCommerce platform.
- Integrated Google Tag Manager into BloomNation's Marketplace & Resource Center (Florist's FAQ site) & implemented / configured new analytics.

   Tech: Magento eCommerce**,** PHP, JavaScript, MySQL, KnockoutJS, Redis, Solr, Vagrant, WordPress
   Link: http://www.bloomnation.com -- http://www.bloomnation.com/resourcecenter

SAATCHI ART / DEMAND MEDIA – Santa Monica, CA   **April 2014 – Sept 2015**
Senior Software Engineer
- Developed features, refactored legacy & managed deployment of the eCommerce & checkout system
- Web analytics implementation; tagging & testing of Google Tag Manager & Google Analytics/AdWords.
- Created product feeds for Google Shopping (Merchant Center) & other affiliates.

   Tech: PHP (Zend & Yii), JS, Ruby, MySQL, Couchbase, AWS SNS/SQS, ELK
   Link: http://www.saatchiart.com

X-TEAM (at 20th Century Fox) – Century City, CA   **October 2013 – March 2014**
Lead Web Developer / Head of Integrations
- Web Dev Lead managing a team of 10 developers to redesign FOX's American Idol Season 13 website.
- Managed source control GIT Merging, Sprint planning & Tech Ops deployments.
- Headed a new division of X-Team focused on integrating API services: social media visualizations, curated commenting, real-time contests/voting & 3rd party API integrations (Gigya, LiveFyre, Mass Relevance, etc.)
- WordPress theme customizations for the http://x-team.com/ homepage.

   Link: http://www.americanidol.com

   Project: http://x-team.com/2014/01/x-team-launches-new-american-idol-season-13-website

DISNEY INTERACTIVE – North Hollywood & Glendale, CA   **September 2012 – September 2013**
Senior Web Applications Engineer
- Frontend web development; Translate PSDs into HTML / JavaScript & maintain / refactor legacy code.
- Coordinate site deployments with vendors and management.
- Analytics & SEO: Configure DoubleClick DFP Ads, link tracking, A/B testing.
- Developed the custom WordPress theme for two Disney Blog sites on http://blogs.disney.com

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BLACK BOX CREATIVE GROUP – Hollywood, CA   **September 2012**
Web Engineer
• Developed a Facebook Invite app for the Warner Brothers movie, "Trouble with the Curve".
• Featured an interactive calendar, gallery & user message with custom sharing options.

Tech: PHP, JavaScript
Link: https://www.facebook.com/TroubleWithTheCurve/app_441834125861834

BOINGO WIRELESS – Westwood, CA   **May 2012 – August 2012**
Web Engineer
Frontend web development supporting rapidly changing marketing campaigns (Adobe Test & Target / Omniture).

Tech: C#, .NET

TRAILER PARK, INC. – Hollywood, CA   **February 2012 – April 2012**
JavaScript Web Developer
Coded an interactive Smart TV media sharing web application (OutMyWindow) as part of a multi-platform social media release across Yahoo TV, Google TV, Web, & Mobile, for Warner Brothers.

Link: http://www.trailerpark.com/work/itv-out-my-window-yahoo-tv-app

ENGINEERING POSITIONS

PHOTO-SONICS, INC. – Burbank, CA,   **October 2010 – November 2011**
Systems Project Engineer
Technical writing: user manuals & test procedures for optical tracking systems that measure the performance of hypervelocity missiles. Performed on-site systems operation at US military weapons test ranges.

Link: http://www.photosonics.com/video-gallery

TELEDYNE JUDSON TECHNOLOGIES - Montgomeryville, PA,   **July 2004 – July 2010**
Software & Design Engineer
Electronics design and testing of infrared materials (InSb, InGaAs, MCT), focal plane arrays, cameras, &thermo-electric coolers.

Tech: .NET, C++, C#, LabVIEW, MySQL

Infrared Camera Software
• Designed the application & control software for several Infrared camera systems (SWIR, MWIR, & LWIR.)
• 2-point Non-Uniformity Correction video algorithms, false color, auto-gain (AGC)
• Designed evaluation & performance testing software for new camera sensor designs. Including: Video & Noise testing (NETD, NEP), Sharpness (MTF), Image Correction (NUC, Bad Pixel Replacement)
• Designed a web-based instrument control & data acquisition system for optical measurement test station to calculate effective area of detector arrays at sub-micron accuracies.

EDUCATION

The Pennsylvania College of Technology *(Penn State Affiliate), Williamsport, PA*
BSEET - Bachelor of Science, Electronics Engineering Technology
AAS - Associate of Applied Science, Electronics Engineering