**ROBERT BRENNAN**

**Location:** Santa Monica, CA

**Contact:** 323-203-6722

**Email:** bob2314@gmail.com

**TECHNICAL SKILLS**

**Languages**: JavaScript, PHP, HTML, CSS, Ruby, C/C++, .NET

**Frameworks**: Zend, Yii, Laravel, jQuery, NodeJS, WordPress, SASS, Backbone

**Databases**: MySQL & NoSQL DBs, Couchbase, Solr

**Servers**: Apache, NGINX, Amazon Web Services (AWS)

**Tools**: Git, Grunt, NPM, Vagrant, Capistrano, Puppet, Jira, Pivotal, PhotoShop, Jenkins, Eleasticsearch

**Portfolio:** <http://www.robertjbrennan.com>

**PROFESSIONAL EXPERIENCE**

**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.

**Link:** <http://www.saatchiart.com/>

**Tech:** PHP (Zend, Yii), JavaScript, Ruby, HTML/CSS, MySQL, Couchbase, Git, Vagrant, AWS SNS/SQS, Kibana/Elasticsearch

**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.

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

**Link:** <http://www.americanidol.com/>

**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/>

**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.

**Project**: <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).

**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.aspx>

**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.htm>

**TELEDYNE JUDSON TECHNOLOGIES** - Montgomeryville, PA, **July 2004 – July 2010**

**Software & Design Engineer**

Sole Software Engineer, R&D Engineering & manufacturing. Electronics design and testing of infrared materials (InSb, InGaAs, MCT), focal plane arrays, & cameras, cryogenic & thermo-electric coolers.

**VARIOUS .NET PROJECTS:**

**Infrared Camera Software**

* Designed the application & control software for several Infrared camera systems (SWIR, MWIR, & LWIR.)
* False color, auto-gain (AGC), & 2-point Non-Uniformity Correction video algorithms.

**Camera Test Lab Software**

* Designed evaluation & performance testing software for new camera sensor designs. Including: Video & Noise testing (NETD, NEP), Sharpness (MTF), Image Correction (NUC, Bad Pixel Replacement)

**Focused Optical “SpotScan” Measurement Software**

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

**Lehigh University***, Bethlehem, PA*

Masters Program, Electrical Engineering