

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 & Misc: Git, Grunt, NPM, Vagrant, Capistrano, Puppet, Jira, Pivotal, PhotoShop, Jenkins, Elasticsearch

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).

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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