Robert Brennan

Full stack developer & tech lead   1BobBrennan@gmail.com
bobbrennan.com   424-272-1969
github.com/bob2314   *Santa Monica, CA*

PROFESSIONAL EXPERIENCE

BEACHBODY - *Senior Software Engineer*
2016 – Present | Santa Monica, CA

- Senior / Lead engineer for front end, UI, eCommerce, & checkout applications.
- Full stack development using Node.js, Express, ATG Commerce, WCS (WebCenter Sites)
- Created a Node/Angular dashboard web app to display JIRA API data on TV's for teams
- Developed a fast order search app using React, Elasticsearch, Kibana, & MongoDb.
- Led a NodeJS & Express upgrade initiative, Puppetized apps, created Vagrant & Docker Vm's, Akamai configs & caching, AWS provisioning, production deployments & support.

Tech: NodeJS, Express, Angular, React, Oracle/ATG, JS, Java

SAATCHI ART (Demand Media) - *Senior Software Engineer*
2014 – 2015 | Santa Monica, CA

- Full stack development for the eCommerce system including the checkout UI, invoicing, analytics, dashboards, managed deployments, developed APIs, & logging (ELK)
- Analytics– Implemented Google Tag Manager; built tracking tags & triggers for GA/UA, AdWords, & automated Google Merchant Center, & other affiliate, product feeds.

Link: http://www.saatchiart.com
Tech: PHP, JS, Ruby, MySQL/NoSQL, Couchbase, AWS, Elasticsearch, Backbone, Git, Jenkins, Grunt/Gulp, Google Tag Manager

X-TEAM (at 20th Century Fox) – *Development Lead & Head of Integrations*
2013 – 2014 | Century City, CA

- Managed a team of 10 web developers for FOX's American Idol, season 13, site redesign.
- Led daily Scrum & planning meetings, coordinated sprints & production releases w/ Fox tech ops.
- Coded for multiple Fox sites: American Idol, Fox.com, So You Think You Can Dance, Glee
- Created a division of X-Team focused on 3rd party API integrations; social media walls, curated comment streams, real-time contests (Gigya, LiveFyre, Mass Relevance, etc.)

Idol: www.americanidol.com - //hyperurl.co/tfvsqk

X-Team: x-team.com - **Glee:** //hyperurl.co/eqg2o7

DISNEY INTERACTIVE – *Senior Web Applications Engineer*
2012 – 2013 | North Hollywood & Glendale, CA

- Frontend development, analytics & SEO, DoubleClick DFP Ads, A/B testing.
- WordPress - Created the WP theme for Disney Blogs: http://blogs.disney.com

Link: blogs.disney.com

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CONTRACT POSITIONS

Black Box Creative Group – *JavaScript Web Developer*

2012 | Hollywood, CA

- Developed a Facebook Invite app for the Warner Brothers movie, "Trouble with the Curve"

  Link: www.facebook.com/TroubleWithTheCurve

  Tech: PHP, JavaScript

TRAILER PARK, INC. – *JavaScript Web Developer*

2012 | Hollywood, CA

- Developed a Smart TV social media photo sharing app (*OutMyWindow*) for Warner Brothers
- Multi-platform release across Yahoo TV, Google TV, Web, & Mobile

  Link: www.trailerpark.com

ENGINEERING POSITIONS

PHOTO-SONICS, INC. – *Systems Project Engineer*

2010 – 2011 | Burbank, CA

- Performance testing on US military weapons missile test ranges of hypervelocity Infrared optical tracking systems
- Infrared camera / sensor integration across multiple wavelengths (SWIR, MWIR, LWIR, visible)
- Technical documentation of military test procedures, software, & operation manuals.

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

TELEDYNE JUDSON TECHNOLOGIES - *Software & Hardware Design Engineer*

2004 – 2010 | Montgomeryville, PA

- Designed electronics & software for Infrared camera designs, IR sub-systems, and focal plane arrays
- Coded video correction algorithms, embedded control software, & SDKs for infrared cameras
- Designed web-based data acquisition device test system with sub-micron measurement accuracies

  Tech: .NET, C++, C#, LabVIEW, VHDL, MySQL, **IR**: SWIR, MWIR, & LWIR, InGaAs, MCT

EDUCATION

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