# 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](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](http://www.americanidol.com/) - [//hyperurl.co/tfvsqk](http://hyperurl.co/tfvsqk)

**X-Team:** [x-team.com](http://x-team.com/) - **Glee:** [//hyperurl.co/eqg2o7](http://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](http://blogs.disney.com/)

**Link:** [blogs.disney.com](http://blogs.disney.com/)

# 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](https://www.facebook.com/TroubleWithTheCurve/app/441834125861834/)

**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](http://theatrical.trailerpark.com/work/itv-out-my-window-yahoo-tv-app.aspx)

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# 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](http://www.photosonics.com/video-gallery.htm)

**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