

# Robert Brennan

[1bobbrennan@gmail.com](mailto:1bobbrennan@gmail.com)

Full Stack Engineer

Santa Monica, CA – 424-272-1969

## TECHNICAL SKILLS

JavaScript, Node, Git, Vue, React, Nuxt, TypeScript, Python, Analytics, AWS, Serverless, SQL/NoSQL, Docker, Postgres, Jenkins, Apache, NGINX, DevOps

## PROFESSIONAL EXPERIENCE

### FOX

4/2020 – Present

Lead Full Stack Software Engineer

Santa Monica, CA

- Lead engineer for the Los Angeles web development team at Fox TV, managing a team of web developers responsible for the frontend & middle tier development for 17 affiliate news stations across the US.
- Coordinate release management for multiple shared environments with remote backend team
- Tech: Vue, JS, TypeScript, Node, Serverless, APIs, WordPress CMS
- Websites: [foxla.com](http://foxla.com), [fox29.com](http://fox29.com), [fox5dc.com](http://fox5dc.com), [fox5atlanta.com](http://fox5atlanta.com), [fox5ny.com](http://fox5ny.com), etc.

### Tuition.io

1/2019 – 3/2020

Senior Software Engineer

Santa Monica, CA

- Backend feature development and RESTful API integration for Tuition.io's cloud-based student loan platform.
- Managed the financial aggregation process integrating 3rd party APIs to display loan data to user dashboards
- TypeScript, Node, Vue, Postgres, Serverless, Docker, Algolia, Firebase, SQS, Dynamo, Lambdas, AWS
- Ansible for configuration management, Firebase & Route 53 for subdomain provisioning & site redirects (DevOps)

### RED Interactive

4/2018 – 1/2019

Senior Full Stack Engineer

Santa Monica, CA

- Created an API for Samsung's Smart Home exhibition of connected home devices [samsung.com/us/837](http://samsung.com/us/837)
- Development Lead for Samsung s837's Smart TV & Android photo sharing & smart home control app
- Designed a high-volume Serverless app (10 million hits per day) allowing for ad-hoc asset updates
- Backend & DevOps, API design, Django, Python, React, Node, Docker, Serverless

### Beachbody

12/2015 – 4/2018

Senior Software Engineer

Santa Monica, CA

- Developed features for Beachbody eCommerce & video streaming services, [Ultimate Reset BeachbodyOnDemand](#)
- Coded checkout features, integrated AWS Serverless APIs and BIG-IP/F5 server redirect iRules
- Tech: React/Redux, Jest, AWS, Serverless, Docker, AWS, Jenkins, CI/CD Tealium, Optimizely, Ruby

### Saatchi Art / Demand Media

4/2014 – 12/2015

Senior Software Engineer

Santa Monica, CA

- Backend & DevOps related to the eCommerce platform: API development, admin dashboards, deployments (Puppet, Capistrano, Vagrant, AWS SNS/SQS, Kibana)
- Implemented Google Tag Manager across the site; adding general analytics and tracking tags.
- Automated the data ingest of 250,000+ products to the Google Merchant Center & affiliate feeds (Ruby/Rails)

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Tech Lead | Full Stack Engineer

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## 20<sup>TH</sup> Century Fox (X-Team)

7/2013 – 4/2014

Development Team Lead

Century City, CA

- Team lead managing a group of 10 web developers to redesign FOX's American Idol, Season 13
- Ads & integration for multiple Fox sites: American Idol, Fox.com, So You Think You Can Dance, Glee

## Disney Interactive

7/2012 – 7/2013

Senior Web Applications Engineer

Glendale, CA

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

## CONTRACT POSITIONS

### Black Box Creative Group

5/2012 – 6/2012

JavaScript Web Developer

Hollywood, CA

- Facebook Invite app using PHP & JS for the Warner Brothers movie, "Trouble with the Curve"

### Trailer Park, Inc.

2/2012 – 4/2012

JavaScript Web Developer

Hollywood, CA

- Smart TV app; created a social media photo share app, "OutMyWindow" for Warner Brothers
- Multi-platform release across Yahoo TV, Google TV, Web, & Mobile: [www.TrailerPark.com](http://www.TrailerPark.com)

## ENGINEERING POSITIONS

### Photo-Sonics, Inc.

7/2010 – 12/2011

Systems Project Engineer

Burbank, CA

- Performance testing of hypervelocity Infrared optical tracking systems conducted on US military weapons & missile test ranges, [photosonics.com/video-gallery](http://photosonics.com/video-gallery)
- Infrared camera & sensor integration across multiple wavelengths (SWIR, MWIR, LWIR, visible)

### Teledyne Judson Technologies

7/2004 – 5/2010

Hardware & Software Design Engineer

Montgomeryville, PA

- Built an infrared test station for the Navy's SM-2 missile guidance components; leading to a \$5 million contract
- Developed the Infrared camera lab device characterization & test software, SDKs for Infrared cameras & operation code for the embedded hardware. ( C++, LabVIEW, VHDL, InGaAs )

## EDUCATION

The Pennsylvania College of Technology (Penn State Affiliate), Williamsport, PA

**BSEET** - Bachelor of Science, Electronics Engineering

**AAS** – Associate of Applied Science, Electronics Engineering Technology