

# Tom Cornyn, Web Developer

Santa Monica, California

## Qualifications Summary

Versatile and seasoned web developer with 10-plus years of experience writing code that is standards-compliant and modular. Solid coding ability. Quickly deploys interactive content for high-traffic sites; experienced developing on most major platforms.

## Core Competencies

- Building user interfaces targeting both desktop and mobile browsers.
- Designs pages with responsive interaction and quick load times.
- Authors profiled JavaScript that aims to be both extensible and maintainable.
- Hand-codes server-side data API endpoints.
- Experience working with industry leaders.

## Professional Experience

**Socketan Digital** – Santa Monica, California

2021 to present

### Web Developer

- Develops Express back-end HTTP data store and middleware services.
- Ports server-side code from PHP to Node.js.
- Employs React Bootstrap to create interactive visual content.
- Upgrades legacy sites to use ReactJS.

**Family Leave** – *at large*

2019 to 2021

### Care Provider

- Provided 24 hour live-in elder care.
- Assumed power of attorney for medical directive.
- Oversaw distribution of estate.
- Established family trust to receive bank transfers.

**Wells Fargo** – Santa Monica, California

2019

### JavaScript Engineer for Commercial Real Estate

- Wrote code to implement Vue.js UI features for commercial real estate sales team tools.
- Created Jest and Supertest code to monitor integration compatibility of business applications.
- Optimized build-test-deployment workflow pipelines.
- Completed Treasury Department oversight training.

## Professional Experience (*continued*)

### Red Bull Media House – Santa Monica, California

2017 to 2019

#### JavaScript Engineer for Live Events Team

- Collaborated with content creators to develop interactive web experiences.
- Aided merger of RBTv website into global consumer platform.
- Developed Red Bull Music playlist API model.
- Created interactive web content for *Conquest* and *Crashed Ice* event series.
- Built photogrammetric VR landscape simulation for Red Bull *Rampage* event.

### AwesomenessTV – Los Angeles, California

2015 to 2016

#### Senior Software Engineer for Web App Development

- Worked with legacy systems to integrate Redis and React.
- Developed template for Node MVC software architecture.
- Added test infrastructure to continuous deployment pipeline.
- Integrated asynchronous rendering to front-end architecture.

### DirecTV – El Segundo, California

2015

#### Senior Software Engineer for WebKit App Development

- Prototyped proof-of-concept software for next-generation satellite receivers.
- Authored interactive television apps for set-top boxes.
- Resolved package management issues for Node applications.
- Brought Node projects into compliance with best-practices.

### The Rubicon Project – Playa Vista, California

2013 to 2014

#### Software Engineer for Ad Sales Platform

- Collaborated to rewrite the marketplace's "Buyers Side" user interface.
- Developed web apps on a team with five other engineers.
- Designed a browser-based trading dashboard.
- Automated test suites for an advertisement trading marketplace.
- Built tools to trace dependencies using abstract syntax trees.

### Dex Media – Santa Monica, California

2012 to 2013

#### Senior Software Engineer on UI Team

- Orchestrated overhaul of web resources for local business directory search services (Google partner).
- Built a software system to trace, index, and map legacy JavaScript dependency tree.
- Profiled and improved page load times; debugged complex software issues.
- Led effort to index and document all JavaScript code and functionality.

## Professional Experience (*continued*)

**Group Toyota** – Torrance, California

2012

### **WHATWG (HTML5) Consultant to Toyota Tsusho Media Service**

- Advised on emerging mobile browser technologies and trends.
- Composed three technical white papers documenting the capabilities of smartphone and browsers.

**Deutsch LA** – Playa Vista, California

2011 to 2012

### **Web Developer for Digital Team**

- Created a mobile web app for **Verizon Wireless**; implemented a touchscreen 3-D interface.
- Performed a code overhaul of **Anthem/BlueCross/BlueShield** websites.

**TBWA\Chiat\Day** – Playa Vista, California

2011

### **Web Developer for Advertising**

- Hand-coded rich media pages for **Energizer Batteries** website (yes, for The Bunny).
- Built a streaming video player **Bare Escentuals** cosmetics.

**MTV Entertainment** – Santa Monica, California

2010 to 2011

### **Web Developer for Comedy Central and GameTrailers TV**

- Created boilerplate site reused for numerous Viacom properties.
- Participated in distribution of live streaming coverage for the E3 video game conference.
- Wrote UI markup, CSS, and JavaScript for 2011 **Guys Choice Awards**.
- Ported a Flash-based site to JavaScript for a **Captain Morgan** rum marketing campaign.

**Disney Interactive Media Group** – North Hollywood, California

2009 to 2010

### **Web Developer at Disney Family**

- Reverse-engineered homepage Flash carousel to replace it with custom JavaScript and YUI widget.
- Provided generalist support and maintenance of Disney's Family.com and Kaboose suites of web properties.
- Advised on PHP, open source, and client-side architecture.

**TarGenix** – Santa Monica, California

2003 to 2009

### **Director of IT in Nuclear Medicine**

- Served medical imaging, cancer research, and treatment practices.
- Unified disparate clinical components into integrated multidisciplinary health information system.
- Developed critical health care web applications to assist efforts in cancer research.
- Collaborated with physicians in leveraging new technologies.

## Professional Experience (*continued*)

**3M** – Simi Valley, California

2002 to 2003

### Web Programmer for Standard Abrasives

- Incorporated database and custom data transformation services into legacy system
- Integrated international and domestic sales systems.
- Built, maintained and modified web content using Active Server Pages (VBScript).
- Developed custom web applications to manage inventory, shipping, and scheduling procedures

## Education

**Wheaton College** - Norton, Massachusetts

Coursework in *Philosophy*, 1994 – 1996

**Harvard College** - Cambridge, Massachusetts

Coursework in *Computer Science*, 1995

**Moorpark College** - Moorpark, California

Coursework in *Computer Science*, 2002 – 2003

## Demos and Code Samples

<http://www.roxrite100.com/>

<https://www.redbull.com/us-en/events/reign-usa>

<https://www.redbull.com/us-en/events/straight-rhythm/>

<https://www.redbull.com/int-en/theorganics/organics-black-orange/>

<http://www.socktan.com/development>

### Git Repositories:

Rich Media Desktop

<https://github.com/quantumtom/roxrite100>

Express CRUD API (JSON)

<https://github.com/quantumtom/test-store-76>

Async Bootstrap through Handlebars via RequireJS MVC Stack Template

<https://github.com/quantumtom/ash>