

# John H. Horton

## SOFTWARE ENGINEER & DIGITAL INVENTOR

Chicago, IL | 203-606-9983 | johnventions@gmail.com

### Overview

**Professional web and software developer** passionate about creating new and exciting experiences, enhancing the user journey, and exploring new technologies.

**Strong understanding of the full technology stack** needed for a successful website build and the integration tools necessary for the modern web.

**Creative team player** looking to find the best solutions and push boundaries.

### Skills

Front-End	Back-End	Miscellaneous
HTML / CSS Javascript / jQuery Angular / VueJS / Socket.io	PHP, C# / .Net MVC Node.js, Python, Kentico MySQL & MongoDB	Version Control (Git) Embedded Electronics & IoT Arduino / Raspberry PI

### Employment

#### Rise Interactive – July 2016 to Present

*Associate Manager, Full-Stack Developer – Creative & Development Team*

- Responsible for scoping and implementing enterprise level website builds for clients in the healthcare, education, insurance, and food industries
- Participates in client communications and mentorship of new developers
- Developed and launched multiple site launches such as:

*Butterball Turkey – [www.butterball.com](http://www.butterball.com)*

Angular2 website redesign with a decoupled Drupal 8 back-end. New website resulted in < 2s load time and is built to handle the 5+ million visitors during the Thanksgiving holiday season.

*BrightStar Care – [www.brightstarcare.com](http://www.brightstarcare.com)*

Lead developer for a full website rebuild with content migration, migrating 300+ Wordpress sites (~18,000) pages into one Kentico CMS setup. Created back-end functionality to quickly launch new franchise websites on-demand.

*iptiQ Life Insurance – <http://learn.lumico.com>*

Architect and developer for an interactive life-insurance learning experience. Built a tool to help users quote life insurance for their specific needs, as well as the API endpoints to calculate insurance need.

#### Federal-Mogul Corporation – December 2010 to July 2016

*Product Engineer & Database Administrator*

- Managed the project management database used by over 200 users globally
- Traveled to China, Belgium, and the UK to lead product development workshops and training sessions for international partners

### Side Projects

#### Pop-Cleveland! – [www.johnventions.com/projects/popcleveland](http://www.johnventions.com/projects/popcleveland)

Socket.io and Angular2 phone-based trivia game where players answer questions during a live show and compete against the rest of the audience in real time.

#### Arduino Director – [www.johnventions.com/projects/director](http://www.johnventions.com/projects/director)

Open-source embedded electronics project for controlling and planning animatronic motion. Built with C++, Socket.io, and VueJS.

#### Drawsaster – [www.johnventions.com/projects/drawsaster](http://www.johnventions.com/projects/drawsaster)

Web-based multiplayer “telephone-style” drawing game where users take turns drawing and captioning images. Built on PHP/MySQL with a javascript front-end.

### Education

#### Case Western Reserve University – Cleveland, OH

B.S. Mechanical Engineering, 2010

#### Portfolio

[www.johnventions.com](http://www.johnventions.com)

#### GitHub

[www.github.com/johnventions](http://www.github.com/johnventions)

#### LinkedIn

[www.linkedin.com/in/johnnhorton/](http://www.linkedin.com/in/johnnhorton/)