

# Bryan Witherspoon

[bspoon.github.io](http://bspoon.github.io)

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Bryan Witherspoon is a **web developer** with over seven years of professional experience designing, building and delivering web applications.

He develops user interfaces using the latest **web standards**, and constantly seeks new tools and techniques to improve his workflow.

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## Employment

**Arbor Networks** <<http://arbornetworks.com>>

Software Engineer

June, 2011 - present

### Summary

Responsible for designing and developing web-based user interfaces for distributed network security solutions.

### Accomplishments

- Successfully launched initial version, major release, and several minor releases of network security application.
- Spoke to 85+ person engineering team on the topic of migrating from image-based graphs to SVG.
- Submitted patent application for the automatic transformation of selected text into regular expression.
- Led small to medium-sized groups in user interface design sessions.
- Participated in cross-functional user experience team.

**Loudpixel** <<http://loudpixel.com>>

Web Developer (contract)

April - October, 2011

### Summary

Designed and developed Rails application for managing tech support issues for the [MSU College of Communcation Arts & Sciences](http://cas.msu.edu/) <<http://cas.msu.edu/>>.

## **Consumers Energy** <<http://consumersenergy.com>>

Engineer

January, 2009 - June, 2011

### **Accomplishments**

- Designed and developed lightweight web interface for managing electronic switchgear.
- Built and programmed a wireless interface between a [Roomba](http://www.irobot.com/us/) <<http://www.irobot.com/us/>> and an electric meter to alter cleaning schedules based on the current price of electricity.

## **The State News** <<http://statenews.com>>

Creative Director

June, 2006 - January, 2009

### **Accomplishments**

- Successfully launched two major redesigns of the company's main websites and numerous internal web applications.
- Supported nightly production efforts by proofreading and formatting content for web.

## **MSU Office for Inclusion** <<http://inclusion.msu.edu>>

Web Developer

August, 2007 - January, 2009

### **Summary**

Successfully launched redesign of main website built on top of a third-party CMS.

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## **Proficiencies**

### **Languages and Libraries**

- HTML
  - [Mako Templates](http://makotemplates.org) <<http://makotemplates.org>>
- CSS
  - [LESS](http://lesscss.org) <<http://lesscss.org>>

- [Bootstrap](http://twitter.github.io/bootstrap) <http://twitter.github.io/bootstrap>
- JavaScript
  - [jQuery](http://jquery.com) <http://jquery.com>
  - [d3.js](http://d3js.org) <http://d3js.org>
  - [Backbone](http://backbonejs.org) <http://backbonejs.org>
  - [Lodash](http://lodash.com) <http://lodash.com> ([Underscore](http://underscorejs.org) <http://underscorejs.org>)
  - [node.js](http://nodejs.org) <http://nodejs.org>
- Python
  - [Flask](http://flask.pocoo.org) <http://flask.pocoo.org>

## Tools

- Revision Control
  - Git (and [Github](http://github.com) <http://github.com>)
  - Subversion
- User Interface Design
  - Pen and Paper ;)
  - [OmniGraffle](http://www.omnigroup.com/products/omnigraffle/) <http://www.omnigroup.com/products/omnigraffle/>
  - Photoshop

## Miscellaneous

- IP Networking
  - Unix System Administration
  - Agile Methodology
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## Education

### Michigan State University

Bachelor of Science, Electrical Engineering  
December, 2008

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More:

[Email](mailto:wITHERSP00N.BRYAN@GMAIL.COM) <mailto:wITHERSP00N.BRYAN@GMAIL.COM>

[Github](http://github.com/bspoon) <http://github.com/bspoon>

[Twitter](http://twitter.com/spoonmsu) <http://twitter.com/spoonmsu>

[LinkedIn](http://www.linkedin.com/pub/bryan-wITHERSP00N/14/470/a19/) <http://www.linkedin.com/pub/bryan-wITHERSP00N/14/470/a19/>

