

# Bryan Witherspoon

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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 Communication 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/) 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)
- CSS
  - [LESS](http://lesscss.org)
  - [Bootstrap](http://twitter.github.io/bootstrap)
- JavaScript
  - [jQuery](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:witherspoon.bryan@gmail.com) <<mailto:witherspoon.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-witherspoon/14/470/a19/) <<http://www.linkedin.com/pub/bryan-witherspoon/14/470/a19/>>