Bryan Witherspoon

bspoon.github.io

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.

Employment

Digital Roots <http://digitalroots.com>

Software Engineer

June, 2013 - present

Summary

Responsible for designing and developing web-based user interfaces for social media engagement and reporting platform.

Accomplishments

➤ Designed and developed abstract reporting tool used for visualizing performance metrics.

➤ Built a social media command center used for data exploration by social media teams.

➤ Built an application for tracking performance of data processing pipeline.

➤ Co-organized local Ember.js meetup group <http://meetup.com/Ember-Detroit>.

Arbor Networks <http://arbornetworks.com>

Software Engineer

June, 2011 - June, 2013

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/>.

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) <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.

Proficiencies

Languages and Libraries

➤ JavaScript

  ➤ [Ember.js <http://emberjs.com>](http://emberjs.com) - Web Application Framework
  ➤ [Grunt <http://gruntjs.com>](http://gruntjs.com) - Tasks
  ➤ [Gulp <http://gulpjs.com>](http://gulpjs.com) - Tasks
  ➤ [jQuery <http://jquery.com>](http://jquery.com)
  ➤ [d3.js <http://d3js.org>](http://d3js.org)

➤ Python

  ➤ [Flask <http://flask.pocoo.org>](http://flask.pocoo.org) - Web Application Framework
  ➤ [Jinja Templates <http://jinja.pocoo.org>](http://jinja.pocoo.org) - HTML Templating
  ➤ [Mako Templates <http://makotemplates.org>](http://makotemplates.org) - HTML Templating

➤ CSS

  ➤ [SASS <http://sass-lang.com>](http://sass-lang.com)
  ➤ [LESS <http://lesscss.org>](http://lesscss.org)
  ➤ [Bootstrap <http://twitter.github.io/bootstrap>](http://twitter.github.io/bootstrap)

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

Education

Michigan State University

Bachelor of Science, Electrical Engineering
December, 2008

More:
Email <mailto:witherspoon.bryan@gmail.com>
Github <http://github.com/bspoon>
Twitter <http://twitter.com/spoonmsu>
LinkedIn <http://www.linkedin.com/pub/bryan-witherspoon/14/470/a19/>