

## BRIAN T. JACOBS

Design / Development

### PORTFOLIO

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### CONTACT

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### SKILLS

Visual design, web development, geospatial visualization, interactive data visualization, responsive design, wireframing

### SOFTWARE

Photoshop, Illustrator, InDesign, Geographic Imager, Mapublisher, ArcGIS, QGIS, TileMill, GDAL, ImageMagick

### CODING

HTML5, CSS3, Javascript / Node, Ruby / Rails, Python, PHP

### FRONTEND LIBRARIES

D3, Backbone, JQuery, Underscore, Leaflet, Isotope, Cesium, RequireJS, Bootstrap

### EDUCATION

#### 2001-2005 - Bard College - Annandale-on-Hudson, NY

- Bachelor of Arts in Psychology (Neuroscience)

### EMPLOYMENT

#### 2013-present - Knight-Mozilla OpenNews Fellow - ProPublica - New York

- Member of the news application team; designer and full-stack developer of interactive web applications.
- Acquisition, processing, and visualization of GIS data: Landsat 7, 8, orthophotography, DEM, National Hydrography Dataset, vector data from state organizations.
- Attended hack events, presented at conferences, and collaborated with the 5 other OpenNews fellows.

#### 2012-2013 - Data Visualization Specialist - MIT SENSEable City Lab - Singapore

- Web application development supporting the transformation and visualization of real-time spatiotemporal urban data streams and associated metadata.
- Responsible for javascript architecture, interface implementation and API integration.
- Produce requirements, timelines, wireframes, interactive prototypes, visual design.
- Close collaboration with researchers, software engineers, and designers to develop specifications and build UI.

#### 2008-2012 - Lead UI Designer - Azavea - Philadelphia, PA

- UI/UX design for geospatial web and mobile apps.
- Front-end development and cross-platform interactive implementation.
- Collaboration with software developers using Agile software development practices.
- Coordination with users, clients, and managers for wireframe and visual design.

#### 2007-2008 - Web/Graphic Designer - West Virginia GIS Technical Center - Morgantown, WV

- Worked with GIS Analysts to create websites in academic and municipal contexts.
- Created interactive web applications integrating with the Google Maps API.
- Developed an open source application for the stewardship of civic geospatial datasets.
- Trained in ArcGIS to generate maps and to edit and query spatial datasets.

#### 2005-2007 - Web/Graphic Designer - Two Jakes / Mini Jake - Brooklyn, NY

- Designed and maintained a full featured e-commerce site for Mini Jake.
- Updated and enhanced a preexisting e-commerce site for Two Jakes.
- Designed advertising featured in magazines, local newspapers and phone books.

#### 2003-2012 - Independent Contractor

- Interactive design and development for over 25 clients.

## PRESENTATIONS

### SRCCON - Philadelphia, PA

- July 25, 2014 - "Interactives and Climate Change"

### CSVConf - Berlin, Germany

- July 14, 2014 - "Querying the Sum of All Human Knowledge"

### Going Spatial Workshop, Hutchins Center, Harvard University - Cambridge, MA

- March 29, 2014 - "Web-Based Spatial Visualization"

### PhillyPUG & GeoPhilly Meetup - Philadelphia, PA

- January 23, 2014 - "MIT Senseable City Lab's Datacollider"

### SMART Symposium, National University of Singapore - Singapore

- January 24, 2013 - "Interactive Spatiotemporal Data Visualization"

## ENRICHMENT

### 2014

- Open Knowledge Festival
- CSVConf
- MIT Civic Media Conference
- State of the Map
- Tow Center Remote Sensing Workshop
- WikiConf USA
- New School Climate Change Demands Change
- NICAR

### 2011-2012

- Wikimania DC
- EYEO Festival
- HTML5 Applications class
- Typography class
- CreativeJS workshop
- Jer Thorp Processing Workshop
- Edward Tufte Workshop