

Brittany Harris.

EXPERIENCE

Senior Web Engineer at Bloomberg, LP. New York City, NY. May 2016 - present.

- + Collaborated on Graphic Standalone articles with journalists, designers, and multidisciplinary teammates. Including creating the data ingestion feed and maximizing browser performance for the 2016 Election Experience page, which received over 3 million visitors as live results were coming in. Assisted in creating and debugging many graphics with custom interactive elements and complex data structures.
- + Acted as liason between the graphics team and our custom content system and the engineering team that works on the rest of Bloomberg.com. Updated the graphics wrapper to support site improvements, such as moving to Google Tag Manager. Updated old graphics when changes to the rest of the website demanded, such as font updates, and tracking and analytics support.
- + Created and maintained a publishing system and workflow that supports preview, publishing checklists, etc. Led the team's use of AVVS for data scripts on EC2 and Lambda, and content storage and distribution on S3.
- + Maintained the internal charting tool used by the entire newsroom (~3,000 users and 300,000 charts), adding additional features as requested. In the process of redesigning the tool to improve chart delivery and UX workflow when creating and editing charts

Lead Developer at Boost Labs. Gaithersburg, MD. June 2013 - April 2016.

- Primary developer for data visualization and user interface design firm. Communicated with clients and design team to wireframe, produce, and refine products. Successfully debugged legacy codebases and developed projects from architecture to code and production. Acted as project lead for teams of 3-5 developers (within larger project teams of 5-10).
- + Created report automation for multiple clients, including financial industry surveys and investor relations reports. Worked on all aspects including process and data generation, data analysis, application development (Ruby or Backbone), chart development (D3), and report delivery via pdf (wkhtmltopdf, PHP, and bash scripting) or via iPad application (Apache Cordova).
 - + Developed charting dashboards with a focus on both application UX/UI as well as strong chart foundations. For business intelligence dashboard, used Adobe Omniture as a data source for real-time visitor feeds, and used D3 with canvas (instead of SVG) to compensate for potential performance losses.
 - + Developed a rich media storytelling experience using an asset CDN, Backbone.js, and Marionette; with an extreme focus on browser compatibility.

EDUCATION

University of Virginia.
Bachelor of Science in Architecture, May 2013.
Bachelor of Arts in Computer Science, May 2013.

UVA Architecture in Italy: Vicenza. Summer 2012.

ACTIVITIES AND LEADERSHIP

Ballroom Dance Club at UVA.
President, 2012. Secretary, 2010-2011.

Sigma Sigma Sigma National Sorority.
Computer Chair, Honor Council Goals Coordinator, 2011-2012.
Parents Weekend + House Beautification Committee Chair, 2012.

HONORS AND AWARDS

Shorty Award Nominee: Best Data Visualization, Bloomberg Billionaires, 2018.
UVA Women's Leadership Development Program, 2011.

PORTFOLIO

brittany-harris.com

CONTACT

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LANGUAGES + LIBRARIES + FRAMEWORKS

D3.js
Svelte
Sass
HTML5
CSS3
JavaScript
PHP
Ruby
Python
Java
C++
MS SQL
MySQL
Apache
Wordpress

TOOLS

Git + Github
Webpack
Gulp
Microsoft VS Code
Chrome Developer Tools
Amazon Web Services
Adobe Design Suite
Microsoft Excel
Rhinoceros 3D Modeling
Autodesk AutoCAD
Autodesk Maya
Google SketchUp