

Brittany Harris.

EXPERIENCE

Lead Developer at Boost Labs.

Gaithersburg, MD. June 2013 - present.

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.
- + Organized and conducted the 1st annual internal hack day in April 2015 with participation from the entire company (4 teams of developers, designers, and data analysts).
- + Participated in the recruitment, interview, and onboarding process for junior and senior individuals. Continued to be in a mentoring role for some.

Teaching Assistant at UVA Computer Science Department.

Charlottesville, VA. Fall 2012, Spring 2013.

Assisted in the course CS2102: Discrete Mathematics. Held weekly office hours for teaching difficult concepts and tutoring the approximately 150 students enrolled in the class. Graded homeworks and exams.

Research Assistant at UVA Computer Science Department.

Charlottesville, VA. Summer 2011.

With the UVA Security Research Group, investigated the application of Yao's Garbled Circuits to a perceptron network. Presented poster "Privacy Preserving Neural Networks" at the USENIX Security Conference 2011.

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.

Refined drawing and city analysis skills through travels within the Veneto region of Italy. Studied the cultural context influencing the development of regional archetypes and their relationship to the cities as a whole.

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.

George C. Marshall High School Theater Department.

Set Designer, 2009. Costume Chair, 2007-2009.

HONORS AND AWARDS

UVA Women's Leadership Development Program, 2011.

National Merit Finalist, 2009.

George C. Marshall High School Math Departmental Award, 2009.

Captain + MVP, George C. Marshall High School Girl's Golf Team, 2008.

PORTFOLIO

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CONTACT

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LANGUAGES + LIBRARIES + FRAMEWORKS

D3.js

Backbone.js

React

AngularJS

Sass

HTML5

CSS3

JavaScript

PHP

Ruby

Python

Java

C++

MS SQL

MySQL

Wordpress

TOOLS

Git + Github

Grunt

Sublime Text 3

Chrome Developer Tools

Adobe Design Suite

Microsoft Excel

Rhinoceros 3D Modeling

Autodesk AutoCAD

Autodesk Maya

Google SketchUp