Brian Davidson

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# Skills

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| * 10+ years of experience in geospatial technologies – Esri ArcGIS Online, Portal for ArcGIS, Mapbox, Leaflet.js, Cartographic and GIS principles, spatial analysis. * 4+ years of experience in UX design – Adobe creative suite, Draw.io, Balsamiq, Sketch, mocked up a full application for a large government contract | * Web Development – Node, Express, React.js, Ember.js, D3.js, HTML5, CSS 3, MongoDB, experience developing applications using RESTful APIs using ES6 standards. * Experience working in AWS EC2 and S3, git, Github, Postgres, Postgis, and MongoDB |

# Work History

## Solutions Engineer – Federal

**MAPBOX | WASHINGTON, DC | 7/18 – 4/20**

* Provide customer feedback to product and engineering teams to guide new product development.
* Own the pre-sales technical relationship with enterprise and strategic government customers and helped to close over $1m in the 9 months with an average deal size of $63k.
* Build out proof of concepts using Mapbox APIs, d3.js, and JavaScript along with backend technologies like Node.js, Express.js, AWS, and Postgres.
* Published open source drag-and-drop dashboard solution called Rapid Deploy that provides a situational awareness application with little to no coding.

## UX Engineer

**ESRI | ARLINGTON, VA | 7/17 – 7/18**

* Designed workflows and architecture diagrams to influence the final design of the product.
* Assisted in the development of multiple Ember.js components to add map and search functionality to multiple areas of the product.
* Prototyped multiple designs to create a consistent charting experience across the platform.
* Meet with users to gather feedback and suggestions for future feature development.

## UI/UX Developer

**DIGITALGLOBE (MAXAR TECHNOLOGIES) | HERNDON, VA | 10/14 – 7/17**

* Lead user interface whiteboarding and technical development on a major government contract.
* Developed a Node.js application to help streamline the process for creating browser certificates for users.
* Helped managers to delegate tickets and assist new employees as needed.

## Cartographer

**UNIVERSITY OF WISCONSIN–MADISON | MADISON, WI | 8/12 – 8/14**

* Project lead on a statewide government contract for 2 years working in all aspects from design to delivery.
* Rapidly created a black and gray map to meet strict specifications and a tight deadline.
* Began Twitter and Github account for Cartography Lab to help promote externally and standardize code storage.

# Education

## Master of Science | Cartography

## University of wisconsin–madison | MADISON, WI | 2014

* Olmstead Departmental Award for Outstanding Teaching Assistant

## Bachelor of Arts | Geography

## UNIVERSITY OF SOUTH CAROLINA | COLUMBIA, SC | 2012

* Donald O. Bushman Award for Outstanding Cartography