

Brian Davidson

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Skills

- 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