

Christopher R. Aragon

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ABOUT ME

Full-stack developer and ArcGIS geospatial developer with a background in energy and environmental policy. Specializing in Javascript frameworks (jQuery, React, Node.js), relational and non-relational database design (PostgreSQL, MongoDB), user accessibility, ArcGIS custom development tools, and data structures and algorithms.

EXPERIENCE

Stone Environmental Inc (Montpelier, VT)

March 2021 - Present

Web Developer 2 (January 2023 - Present), Web Developer 1 (March 2021 - January 2023)

- Build, develop, and design the front-end user experience and user interface of custom web applications commissioned by private companies, local and state governments, and bureaucratic agencies.
- Build custom charts, ArcGIS maps, graphics, and data visualization tools for front-end software.
- Develop digital designs and mock-ups of new front-end features, programs, and pages.
- Oversee all A11Y compliance, as well as build and maintain testing framework for front-end applications.
- Works with JavaScript, Angular.js, React.js, Typescript, CSS, Sass, ArcGIS, and HTML5.

One Foot In (Boston, MA)

October 2020 - April 2021

Full Stack Developer

- Worked with three other engineers to develop a full stack program to connect Bengali students with mentors and academic, professional, and collegiate resources.
- Worked using Bootstrap and MERN Stack (MongoDB, Express.js, React, and Node.js).

MyoPain Seminars (Bethesda, MD)

November 2019 - February 2020

Web Development Contractor

- Worked directly with administrative and medical teams to launch a new company website with remote learning capabilities.
- Oversaw data collection, transfer, and maintenance for patients.
- Served as the liaison between the leadership, medical, and development teams.

Resonant Energy (Dorchester, MA)

June 2019 - September 2019

Outreach Fellow

- Consulted on solar panel policy, financing, and engineering for clients, and conducted research on renewable energy policy and economics.
- Managed all social media accounts and marketing.

EDUCATION

Bloc

October 2019 - September 2020

Web Development Program

- Concentration on full stack development, production, and deployment of mobile applications, websites, and programs, focusing on HTML5, CSS3, Javascript, React, Node.js, database design (relational and non-relational), and data structures and algorithms.

Tufts University

September 2015 - May 2019

International Relations, Environmental Studies (BA)

TECHNICAL SKILLS

Client-Side: JavaScript, React.js, Angular.js, jQuery, TypeScript, Bootstrap, CSS3, Sass, HTML5

Server-Side: Node.js, RESTful APIs, AJAX, Mocha, Chai, Express.js, Knex, PostgreSQL, MongoDB, Mongoose, Python

Geospatial tools: ArcGIS Online, ArcGIS for JavaScript, ArcGIS Experience Builder, ArcGIS Web App Builder, ArcGIS API, Arcade

Dev Tools: Git, GitHub, Postman, DBeaver, Chrome Developer Tools, Wave

SPECIAL SKILLS

- Foreign Languages: Spanish (near fluent, STAMP-certified), Brazilian Portuguese (conversational)
- Classical, Spanish, and Blues guitar, can read sheet music (both standard notation and tab)