



Axiom

DATA SCIENCE

Axiom Data Science, LLC

<https://axiomdatascience.com/about/>

Title: Full-stack senior web engineer

Location: Portland, OR - [map](#)

What we do

Axiom Data Science is a technology and informatics firm working towards increasing the accessibility, reuse, and impact of scientific data. We specialize in developing data management systems, intuitive web-based data portals, and scalable solutions for organizing and analyzing large amounts of diverse datasets.

Axiom is headquartered in Anchorage, Alaska and has satellite offices in Portland, Oregon; Wickford, Rhode Island; and Fairbanks, Alaska.

How we work

We are a small, 20-person company that values user experience. Our employees are self-driven, resourceful, and instrumental in expanding our vision.

We're not a consulting firm. We believe in focusing time and energy on our core products, forming mutually beneficial partnerships with clients, and encouraging developers to take ownership of their work.

We're a geographically distributed company and collaborate with colleagues through Google Hangouts, Flowdock, Trello, and other online tools.

We prefer to have low administrative overhead. Strong communication skills are critical but we won't flood you with meetings. We work closely together but minimize distractions.

We value uptime. Our systems are horizontally scalable and redundant. We care about discovering issues before our users are affected.

What you'll do

As a full-stack web engineer you will develop brand-new features and extend current capabilities of our web-based scientific data management tools. This will include development of key features in support for our scientific data management platform, the [Research Workspace](#).

You will also likely participate in [projects](#) related to our integrated data visualization platform. Development work will span the full web stack include user interface development, web service APIs, and data storage. For frontend features, you will be responsible for collaborating with users to create and test your design.

Current technologies

Our stack is constantly evolving, with decisions on technologies made by developers.

- Frontend: Webpack, Backbone.js, Marionette, Angular, etc.
- Backend: Java (including Play Framework), Python, Node.js
- Data: Postgres, GlusterFS, Redis, ElasticSearch, MongoDB, Apache Spark, TimescaleDB, Kafka
- DevOps: Continuous integration w/GitLab, Docker, Ansible
- Monitoring: Nagios, Prometheus, Fluentd
- Specialized: NetCDF, GeoServer, ncWMS, High Performance Computing

Candidates are not expected to have experience with all of these technologies; a demonstrated ability to learn new technologies and select appropriate technologies for each task is more important.

What we look for

- BS or MS in Computer Science or equivalent
- Strong experience with frontend development & modern web frameworks
- Experience with web application development, preferably Java, including analysis, database design, and architecture
- Examples of delivering real-world software
- Self-motivated, independent, and flexible

We're looking for someone with a track record of developing complete features/applications from beginning to end. You should have strong interest in UI/UX and the ability to implement your designs.

Compensation and Benefits

Competitive salary (85K-110K) commensurate with experience. Benefits include five weeks paid leave, flexible holidays, health benefits, 401K contributions, and a gym membership.

Apply

Please send a resume to careers@axds.co by June 1, 2018. The following additional application materials are recommended, but not required: code samples, profile links to GitHub/StackOverflow; descriptions and screenshots of a completed project; and other examples of expertise or open source participation.