

# UMBRA

## Software Developer – Front End

Umbra Lab, Inc. (“Umbra”) is a technology company which builds next-generation space systems. Umbra is launching an unrivaled constellation of space-based radar satellites with synthetic aperture radar (SAR) capabilities, to produce all weather day-night imagery with sub-meter resolution for low cost distribution via an integrated web platform. We are a bold, experienced team of developers, engineers, product specialists, and other professionals working to aggressively expand the state-of-the-art for commercial remote sensing.

Umbra is looking for a talented, mission-driven professional to join our team as a Software Developer - Front End. The person in this role will collaborate with the software engineering team to develop and maintain web client applications that control next-generation satellite systems and deliver rich user experiences to our customers. As an early contributor, they will play a key role in Umbra’s efforts toward redefining how space radar data is consumed.

### Key Responsibilities

- Participate in Agile processes to own and deliver secure and scalable code
- Collaborate with the product and engineering teams to assess solution requirements, implement new features, and optimize existing ones
- Troubleshoot and repair application issues, in-house tools, and other application infrastructure as needed
- Develop and maintain reusable web application component libraries

### Basic Qualifications

- Bachelor of Science or equivalent experience in relevant discipline
- 3+ years of software development experience using modern Javascript (ES2015 and up)
- 1+ years of experience with the frontend framework React
- Strong understanding of HTML and CSS
- Fundamental understanding of RESTful API design concepts
- Experience with application state management libraries, such as Redux, GraphQL, MobX
- Experience with in-browser debug tools
- Communicate and collaborate effectively
- Comfortable working in a dynamic and fast-paced development environment

### Desired Qualifications

- Knowledge of web design tools such as Sketch and Figma
- Experience with websockets and data visualization tools and frameworks, e.g. Grafana
- An inquisitive approach to UX/UI development
- Experience with geospatial mapping tools, e.g. Cesium, Mapbox
- Experience with React Hooks, Styled Components, React Spring

### Benefits

- Flexible Vacation / Paid Time Off
- Medical, Dental, Vision, 401(k)
- Stock Options

### Location

- Santa Barbara, CA

# **UMBRA**

## **Additional Requirements**

In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification form upon hire. All persons hired will be required to be a U.S. citizen, a lawful permanent resident of the U.S., or protected individual as defined by 8 U.S.C. 1324b(a)(3), or eligible to obtain the required authorizations from the U.S. Department of State. Umbra is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

To apply: Email resume to [careers@umbralab.com](mailto:careers@umbralab.com)