UMBRA

Software Quality Assurance Engineer

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.

We are looking for a systems-driven Software Quality Assurance Engineer to drive and develop the testing standards and procedures that promote the quality and velocity of our software iterations. This person will collaborate with the engineering team to enhance our CI/CD testing automation infrastructure, providing the team with the transparency needed to move swiftly and with confidence. As an early contributor, they will play a key role in Umbra's efforts toward redefining how space radar data is consumed.

Key Responsibilities
- Develop and improve the testing infrastructure across all software engineering efforts
- Own test tooling within CI/CD systems to ensure efficiency and completeness
- Leverage technical expertise to shape automated integration testing strategies for complex systems
- Analyze testing practices and offer recommendations to improve the development process

Basic Qualifications
- Bachelor of Science in Computer Science or equivalent experience in relevant discipline
- 3+ years of experience creating and executing automated testing strategies for distributed software systems
- Understanding of client-server models, REST web services, and message queues
- Experience working with and developing CI/CD pipelines and integrations
- Good communications skills, ability to work collaboratively in a team environment, and willingness learn new skills and technology

Desired Qualifications
- Software development and unit testing with Node.JS, JavaScript, or Python preferred
- Experience with standard software development lifecycle practices, including translation of product requirements into a design specification document
- Familiarity with security best practices (authentication, authorization, identity and access management, public/private key encryption, SSL, etc.)
- Experience with cloud, container, and orchestration technologies, including AWS, S3, EC2, SQS, Lambda, Docker, Kubernetes, Consul, Terraform, strongly preferred
- Fundamental understanding of network protocols, including HTTP, TCP/IP
- Experience with logging and monitoring concepts frameworks, DataDog

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

Location
- Santa Barbara, CA

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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