

# UMBRA

## Network and Security Architect

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 Network & Security Architect to develop and implement security architectures on Umbra’s information technology systems and networks. The Security Architect will be responsible for identifying, prioritizing, and addressing target objectives for constructing Umbra’s internal data communication networks conducive to security and business objectives. The Network and Security Architect will collaborate with department heads and 3rd party providers regarding technological best practices and implementation of core technology. The individual filling this role will report to the Vice President of Operations and collaborate with all company departments to support Umbra’s mission.

### Key Responsibilities

- Design and build company data communication network
- Manage and maintain wired and wireless security, systems and network architecture, and general information technology principles
- Grasp of complex risk management and assessment theories and practices, as well as intricate cybersecurity laws and guidelines
- Remote IT systems and peripherals configuration, management, and troubleshooting

### Basic Qualifications

- Bachelor's degree in Computer Science or related information security or IT field
- 5+ years of network administration, IT implementation and IT management experience in a private company environment
- Certified Information Systems Security Professional (CISSP) or other recognized information security certification
- Experience with cloud-based ERP system selection and implementation
- Understanding of organizational resource permission best practices and SSO administration
- Knowledge of Windows, Linux, and macOS operating systems and server administration
- Knowledge of security and compliance requirements in the high-tech industry including familiarity with US government IT security requirements
- Comfortable working in a dynamic and fast-paced development environment

### Desired Qualifications

- Experience with VMware ESXi virtualization
- Experience with ERP system implementation and programming/scripting of workflow automation tooling
- Experience in an aerospace or defense contractor environment, or similar environment with an emphasis on physical and IT security

### Benefits

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

# **UMBRA**

## **Location**

- Santa Barbara, CA

## **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)