



## **Office Systems Analyst - Vacancy in Information Management Division Cybersecurity (Cybersecurity Analyst)**

### **Vacancy Information:**

Under limited supervision, Office Systems Analyst – Cybersecurity Analyst for the City of Long Beach, Harbor Department (aka Port of Long Beach) is a member of the Information Cybersecurity team. This person will be responsible for cybersecurity engineering processes and procedures, cybersecurity architecture and design, requirements validation and verification and handle the day-to-day duties of the cybersecurity infrastructure.

- Facilitates cybersecurity initiatives for the Port
- Facilitates participation in Cybersecurity awareness Month for the Port's 600+ staff and external partners.
- Helps draft and review information assurance, IT Security, cybersecurity, encryption and data destruction policies.
- Support and troubleshoot applications and cybersecurity tools.
- Researches cybersecurity vulnerabilities as it pertains to the Port's systems and provides/implements defensive measures; including but not limited to, products and processes.
- Responds to cybersecurity events, manages incidents, documents and reports according to policies.
- Provides design and oversight for implementation of cybersecurity systems & services by NOC engineers.
- Helps develop and manages cybersecurity training.
- Acts as a lead to the NOC Engineers in areas of cybersecurity design and support escalation.
- Researches and conducts proof-of-concepts on emerging cybersecurity technology to provide cost effective solutions for the Port's needs
- Ensures cybersecurity systems/services are robust and provide best configuration for the Port's business needs.
- Participates in cybersecurity committees to ensure the Port's cybersecurity needs/viewpoints are heard, internally and externally.
- Monitors and participates in legislation as it relates to cybersecurity in the maritime sector.
- Monitors, correlates data and identifies cybersecurity risks and recommends and implements mitigation activities.
- Identifies, researches and implements improvements to the Port's cybersecurity platform.
- Assists with communications on identified/emerging threats to all Port staff.
- Publishes reports for management regarding cybersecurity capacity planning, resource management and IT security situational awareness.
- Performs other related duties as required.

### **Desired Qualifications:**

In addition to the requirements to file listed in the job opportunity bulletin, the Port of Long Beach is seeking a candidate with Bachelor's degree in Computer Science, Computer or Management Information Systems; strong knowledge of cybersecurity frameworks; Certified Information Systems Security Professional (CISSP); Global Information Assurance Certification Security Essentials (GSEC); CompTIA Advanced Security Practitioner (CASP+); Cisco Certified Internetwork Expert (CCIE) Security; Cisco Certified Network Associate (CCNA); must be able to handle confidential information with complete discretion and use a high degree of tact and diplomacy in dealing with sensitive and confidential situations.

**EQUAL OPPORTUNITY EMPLOYER:** If a special accommodation is desired, or if you would like to request this information in an alternative format, please call Civil Service Department at (562) 570-6202.