Please contact 2Lt Victor Hill **prior to** applying at vhill@columbususa.com or at (310.356.5649)

All Work Locations: Pasadena, CA.

JPL TS/SCI IT and Cybersecurity Opportunities w/Active TS/SCI
OPEN Pay Range

18 month contract position with potential for extension or conversion
W2 with full benefits

As a member of the Cybersecurity/Identity Technologies & Operations Special Programs Group, you will function as Classified Information System Security Officer (ISSO) for multiple programs/sponsors and provide assistance and/or serve as a backup to the Information Systems Security Manager (ISSM) from our Pasadena, CA office. In this position, you will be expected to communicate all aspects of information security to various partners of the RMF process including system owners, implementers, assessors, authorizers, and users.

Required Skills:
•Typically requires a Bachelor's degree with a minimum of 6 years of related Computer Security experience; Master's degree with a minimum of 4 years of related experience; or PhD with a minimum of 2 years related experience
•Possess one of the Department of Defense (DoD) approved 8570 Baseline certifications for Information Assurance Manager (IAM) level I or plan to be certified within 6 months of hire date
•Successful experience with system hardening, configuration testing, continuous monitoring and scanning using any of the tools: SCAP, Nessus, Snort, Splunk
•Willingness to submit to a Counterintelligence polygraph
•Recent experience implementing the Intelligence Community Directive (ICD) 503 and Risk Management Framework (RMF) principles, Assessment & Accreditation lifecycle, National Institute of Standards and Technology (NIST) Special Publications including 800-53, Federal Information Processing Standard (FIPS) Publications 199 & 200, and Defense Security Service (DSS) processes including Office of the Designated Approving Authority (ODAA) Business Management System (OBMS) web-based system
•Knowledge of security concepts and best practices such as defense in-depth, least privilege, need-to-know, separation of duties, access controls, encryption, etc.
•Strong technical and social skills providing accountability and day-to-day support in ensuring classified automated information systems (AIS) are protected and operated in accordance with governing policies and related manuals.
•Note: As a temporary position, this assignment may last up to 36 months in duration with approvals based on 12 months assignments. However, please note that you are not under any employment contract and your temporary employment status can be terminated at any time with or without notice.
•You must be a U.S. citizen with an active Top Secret clearance based upon a Single Scope Background Investigation (SSBI) within a 5-year scope and approved or previously approved for Sensitive Compartmented Information (SCI) access.

Desired Skills:
•Preferred (ISC)2 Certified Information Systems Security Professional (CISSP) or CompTIA Security+ Continuing Education (CE) certification in good standing
•Experience with Security Repository Tools such as Telos Xacta IA Manager or Trusted Agent FISMA (TAF)
•Experience and knowledge of using Security Information and Event Management (SIEM) tools including; Splunk ES to analyze relevant security events and alerts
•Implement tools and techniques in support of Insider Threat Mitigation Program

Number of Positions: 2-3

<u>Software Engineer w/Active TS/SCI</u>
Pay Range ~100-165K

12 month contract position with potential for extension or conversion
W2 with full benefits

Job Description:
The qualified candidate will be responsible for:
• Developing ground software tools in support of command and control operations
• Definition of software use-cases, requirements and interfaces
• Coding, integrating, and testing software
• Taking technical direction from software architects

Required Skills:
• The candidate must be a citizen of the United States of America
• Candidate must have a minimum of a Top Secret/SCI clearance
• A United States Government administered polygraph examination will be given to the selected candidate; he/she must pass it to maintain employment in this position
• Offer contingent on ability to successfully pass a background check and drug screen
• Bachelor's degree in Computer Science, Computer Engineering, Electrical Engineering or related technical discipline with a minimum of 6 years of related experience; Master's degree in similar disciplines with a minimum of 4 years of related experience; or PhD in similar disciplines with a minimum of 2 years related experience.
• Software development background in Python, Java and XML
• Experience working in team environments using software configuration management software
• Knowledge of software development processes & life cycles
• Ability to learn new software skills as needed on-the-job
• Ability to handle complex multi-tasking environments
• Ability to operate effectively with little to no oversight

Desired Skills:
• Familiarity with software languages (e.g. Python/C/C++/MATLAB/XML/JSON/Java/Visual Basic)
• Familiarity with software support tools (e.g. JIRA, GIT, Artifactory, Confluence, Jenkins, Docker, Sphinx)
• Familiarity with Cloud Solutions (e.g. AWS)
• Familiarity with software code analyzers/audit tools (e.g. Coverity)
• Familiarity with JPL, NASA, or DoD practices and standards

Number of positions: 1

Updated 23 July 2019
Administrative Operations SME w/Active TS/SCI
Pay Range ~$90-110K

18 month contract position with potential for extension or conversion
W2 with full benefits

Job Description:
-Lead office moves and modifications process
-Manage associated spreadsheet
-Automate and Maintain PMG and Floor Plans
-Lead property inventory
-Lead, report and resolve of Safety CARs
-Create and maintain centralized supply system and inventory
-Create process for excess equipment, stationery supplies, etc.
-Document desk procedures and SOP's for team
-Develop and improve group products, presentations, spreadsheets

Required Skills:
•The candidate must be a citizen of the United States of America
•Candidate must have a minimum of a Top Secret/SCI clearance
•A United States Government administered polygraph examination will be given to the selected candidate; he/she must pass it to maintain employment in this position
•Offer contingent on ability to successfully pass a background check and drug screen
•Active TS/SCI Clearance
•Excellent customer service skills; Ability to influence if the answer to the customer is "no"; Team player; Attention to detail;
Process focused; Judgement; Able to take on large tasks and break them down into actionable steps; Strong sense of organization; Critical thinker
•Strong MS Office Suite skills
•Comfortable using PCs
•Driving (a government issued vehicle) is required for this position. Must have a valid California driver's license, a clean driving record and successfully pass a DMV check.

Desired Skills :
•MS Visio
•Outlook email and calendar

Number of Positions: 1

Updated 23 July 2019
<u>Software Systems Engineer w/Active TS/SCI</u>
Pay Range $85-140K

18 month contract position with potential for extension or conversion
W2 with full benefits

Job Description:
Will work as an ITD engineer as part of the Ground Systems Engineering team as part of the Special Programs Department. The Ground System is an integrated system of computer hardware, ground software, facilities, networks, and IT infrastructure used to support and operate a Mission Operation System on JPL flight-projects. The GDS supports all phases of the mission including design, development, test, and operations.

GDS ITD group members are typically multi-disciplined engineers with knowledge of computer hardware, software, and various areas of Information Technology such as networking, databases, systems administration, and cyber security. We implement, test, and deploy the GDS designs and visions of GDS system-engineers and architects. Our group members are practitioners of verification and validation, and we ensure that GDS subsystems integrate with each other through their interfaces, the end-to-end GDS provides all the functional capabilities to support all flight-project use-case scenarios, and the GDS operates reliably while meeting all performance and usability expectations. Our group members are also responsible for planning, scheduling, and leading the coordinated effort of deploying and configuring the integrated and tested GDS into flight-project production environments. We are also responsible for supporting our GDS user community and production environments, which can both present a myriad of technical challenges thus requiring our group members to have excellent problem-solving, root cause analysis, communication, interpersonal, and broad technical skills. Our group members interface with a wide range of engineers such as system engineers, developers, system administrators, network engineers, configuration management engineers, spacecraft engineers, science users, managers, and all the users of the Ground System.

Required Skills:
• Must be a US Citizen or Green Card Holder
• Offer contingent on ability to successfully pass a background check and drug screen
• Background in Computer Science, Information Systems, or related technical discipline with work or intern history at JPL
• Knowledge and work experience in one or more of the following areas: software engineering, systems integration, software architecture, systems engineering, software and/or system testing, Information Security, full stack development, systems release and deployment engineering, web-based software development, data analysis, and production operations support.
• Knowledge of Unix/Linux environments
• Excellent coding and scripting skills in languages such as Java, shell, Python, and Perl
• Familiar with AWS, MySQL, JSON, PHP, HTML, and Docker
• Good knowledge of Network and Systems technology
• Knowledge of Operating Systems and Computer Systems Security practices
• Analytical and troubleshooting skills with extensive problem-solving experience in a distributed Unix/Linux environment

Desired Skills:
• Strong written and verbal communication skills
• Exceptional interpersonal skills and demonstrated ability to team with multiple external interfaces such as managers, leads, developers, QA engineers, systems engineers, and others
• Experience working in a team environment
• Experience in software testing and testbed activities
• Prior experience in software development, architecture, and software engineering
• Experience in operations monitoring tools and infrastructure
• Knowledge and experience in the area of cyber and information security
• Knowledge of applicable Jet Propulsion Laboratory policies and procedures, NASA policies and procedures, and government regulations

Number of positions: 1