Joint Warfare Analysis Center

Software Engineer
Department of Air Force
Joint Warfare Analysis Center

Open & Closing Dates
04/22/2021 – Open until filled

Service
Competitive

Pay Scale & Grade
DR-II

Salary
$92,986 - $146,010 per year

Appointment Type
Permanent

Work Schedule
Full-Time

Location
Multiple vacancies in the following location:

Joint Warfare Analysis Center
Analytic Platforms (JP)
Multiple Vacancies within JP
Dahlgren, VA

Relocation Expenses
Relocation expenses or relocation incentives as described in 5 USC 5753 may be authorized in accordance with applicable travel regulations.

Telework
Situational, as determined by JWAC policy and supervisor

This job is open to
The public – U.S. citizens or Internal to JWAC

Announcement Number
JWAC-21-JP-014

Duties
Summary
This is a public notice flyer to notify interested applicants of anticipated vacancies. Applications will not be accepted through this flyer. Interested applicants must follow the directions in the "How to Apply" section of this flyer to be considered. There may or may not be actual vacancies filled from this flyer. Notice of Result letters will not be sent to applicants who respond to this flyer.

We are seeking ambitious and experienced candidates that will be part of an energetic and motivated team that creates unique software solutions utilizing the latest

technologies in support of the warfighter. Direct access to customers helps create a better understanding of their needs as you design and develop applications and see them applied/used in the workplace. We primarily work with Microsoft-based technologies; however, we also utilize various versions of Linux for specialized purposes. We develop client-based applications using Microsoft .NET languages like C#. We also develop web applications using Java or ASP.NET. We use state-of-the-art technologies including NoSQL databases (MongoDB, HBase, Solr) Hadoop Distributed File System (HDFS), parallel processing, distributed computing, ArcGIS, Extract, Transform and Load (ETL) technologies, Natural Processing Language, DevOps, Continuous Integration/Continuous Development (CI/CD), Containerized .NET Core, Cloud Computing (AWS, Azure), R statistical and graphical language, SQL Server databases (MS SQL, MariaDB), and SQL Server Integration Services. We also use scripting languages to easily create a quick point solution/rapid integration in our Linux (Python) and Windows (PowerShell) environments.

Responsibilities
- Performs professional work involving the application of, or research into, computer science methods and techniques to store, manipulate, secure, transform, or present information by means of computer systems.
- Develops, modifies, secures, and automates software, systems, components, applications, and architectures; and advances computing technologies using state-of-the-art industry best practices.
- Utilizes qualitative and quantitative analytical skills and techniques used to resolve issues associated with a range of computer science activities affecting wide range of agency activities.
- Analyzes and resolves routine to moderately-difficult problems within assigned area, using established methodologies and processes to further orient the incumbent in the application of IT principles, methods, techniques, security, automation, architecture, administration, troubleshooting, system recovery, planning, theories, and creative IT solutions.
- Assesses and renders advice and assistance; provides formal and informal training to project managers, peers, and end users in specialty area technologies, concepts, interfaces, and issues.
- Reviews requirements, reconciles security vulnerabilities, prevents duplication of effort, determines second and third-order effects, and assesses the impacts that new system or software will have on current or future systems.
- Provides information within assigned area to support the budget, acquisition, deployment, and retirement of software and equipment.
- Drafts or prepares a variety of documents to include responses to routine inquiries, reports, briefs, SOPs, architectures, and/or other related documents in a clear and timely manner.
- Serves as lead or key member in ongoing technical teams involved with the architecture, implementation, and testing of systems, applications, security, and

technologies.
- Leads development and execution of projects to implement or advance work unit mission.
- Generates key ideas and contributes technically to advance the modeling capability of command.
- Leads, mentors, and performs complex assignments within a team environment to improve capability of a technology area or address command initiatives.

Travel Required
Occasional travel – You may be expected to travel for this position.

Supervisory Status	**Promotion Potential**
No	DR-II

Job Family (Series)

0801-General Engineer/0854-Computer Engineer/1550-Computer Scientist/2210-II-IT Specialist

Requirements
Conditions of Employment:
- Must be a U.S. Citizen.
- Incumbent must have or be capable of obtaining and retaining a Top Secret/SCI security clearance.
- This position has been designated by the Air Force as a Testing Designated Position (TDP) under the Air Force Civilian Drug Testing program. The incumbent is subject to random testing for drug use.
- Position is subject to polygraph testing.
- Must be determined suitable for federal employment.
- Must participate in the direct deposit pay program.
- New employees to the Air Force will be required to successfully pass the E-Verify employment verification check. To learn more about E-Verify, including your rights and responsibilities, visit e-verify.gov.
- Males born after 12-31-59 must be registered for Selective Service.
- Within the Department of Defense, the appointment of retired military members within 180 days immediately following retirement date to a civilian position is subject to the provisions of 5 United States Code 3326.
- Applicant must qualify as Information Assurance Technical Level I or be able to meet this requirement within 30 days.

Qualifications

Only applicants who meet the area of consideration are eligible to apply for this job. In order to qualify for this position, you must meet the basic education and/or specialized experience requirements described in the Office of Personnel Management (OPM) Qualification Standards for General Schedule Positions for Professional and Scientific.

For DR-II: Your resume must demonstrate at least one year of specialized experience at or equivalent to the Dr-I/GS-11 grade level. Specialized Experience is defined as work in the private or public sector performing duties in or related to the work of the position being filled. Examples of specialized experience include: Developing software systems, high-speed computing systems; real time data acquisitions systems, simulation modeling, data analysis and complex electronic instrumentation systems for testing weapon system installation OR 1 year of graduate-level education or superior academic achievement OR a combination of education and experience.

This definition of specialized experience is typical of work performed at the DR-I/GS-11 broadband position in the federal service.

For all positions, individuals must have experience demonstrating each of the competencies listed below:

- Analytical and problem-solving skills for design, creation, and testing of programs.
- Actively listens and communicates routine information in a clear and timely manner with technical/non-technical users and project owners.
- Works effectively with others to accomplish tasks and adaptable to decisions made quickly by Peers.
- Makes positive contributions to specific aspects of the team's responsibilities by actively taking initiative to expand knowledge and assume more responsibilities
- Punctual to deadlines set by project owners when it comes to assigned tasks.

Additional qualification information can be found from the following Office of Personnel Management web site: https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/#url=List-by-Occupational-Series

Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (e.g., professional, philanthropic, religious, spiritual, community,

student, social). Volunteer work helps build critical competencies, knowledge, and skills and can provide valuable training and experience that translates directly to paid employment.

--Education

The following education may be substituted, in lieu of experience, to meet the minimum qualification required at the DR-I broadband level:

- 0801 – General Engineer: https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/0800/files/all-professional-engineering-positions-0800.pdf
- 0854 – Computer Engineering: https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/0800/files/all-professional-engineering-positions-0800.pdf
- 1550 – Computer Science: https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/1500/computer-science-series-1550/
- 2210 – IT Specialist: https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/2200/information-technology-it-management-series-2210-alternative-a/

While unofficial transcripts are acceptable for initial application, an official transcript will ultimately be required if you are selected for the position. You may submit a copy of your degree(s) if specific coursework does not have to be verified.

Background Checks & Security Clearance
- Incumbent must have or be capable of obtaining and retaining a Top Secret/SCI security clearance.
- This position has been designated by the Air Force as a Testing Designated Position (TDP) under the Air Force Civilian Drug Testing program. The incumbent is subject to random testing for drug use.
- Position is subject to polygraph testing.

How You Will be Evaluated & Documentation Required

In order to qualify for this position, your resume must provide sufficient experience and/or education, knowledge, skills, and abilities to perform the duties of the specific position for which you are being considered.

Your resume is the key means we have for evaluating your skills, knowledge, and abilities as they relate to this position. Therefore, we encourage you to be clear and specific when describing your experience. You should list any relevant performance appraisals and incentive awards in your resume as that information may be taken into consideration during the selection process. If selected, you may be required to provide supporting documentation.

Your resume must show relevant experience, job title, duties and accomplishments. Your resume must show complete information for each job entry to support minimum qualifications. The following information should be provided in your resume, but it is acceptable to provide elsewhere in your application package: employer's name, starting and end dates (Month/Year), hours per week, and pay plan, series and grade level (e.g. GS-0201-09) for relevant federal experience.

Are you claiming membership in any professional organizations, or possession of a license, certificate or credentials? Check the Conditions of Employment section above to see if any are required. If you claim membership, license, certification, or credentials, you must submit a copy of said document in your application package.

As vacancies occur, the Human Resources Office will review your resume to ensure you meet the hiring eligibility and qualification requirements listed in this flyer. You will be rated based on the information provided in your resume, along with your supporting documentation.

If selected, you may be required to provide additional supporting documentation.

If after reviewing your resume and supporting documentation, a determination is made that you inflated your qualifications and/or experience, you may be found ineligible/not qualified.

Please follow all instructions carefully. Errors or omissions may affect your rating or consideration for employment.

All eligibility, qualification requirements, or other requirements must be met by the closing date of this announcement to be considered for any vacancies.

Are you an active duty service member? Active Duty Service Members are required to submit a statement of service printed on command letterhead and signed by the command. The statement of service must provide the branch of service, rate/rank, all dates of service, the expected date of discharge and anticipated character of service (Honorable, General, etc.).

Documents submitted as part of the application package, to include supplemental documents, may be shared beyond the Human Resources Office. Some supplemental documents contain personal information such as SSN and DOB and some documents such as military orders and marriage certificates may contain personal information for someone other than you. You may sanitize these documents to remove said personal information before you submit your application. You must provide an un-sanitized version of the documents if you are selected.

Benefits

A career with the U.S. Government provides employees with a comprehensive benefits package. As a federal employee, you and your family will have access to a range of benefits that are designed to make your federal career very rewarding. Learn more about federal

How to Apply

Interested employees are required to submit (1) a resume not to exceed 4 pages and (2) a written response not to exceed 2 pages addressing how you meet the qualifications and competencies required and why you wish to be considered for the position, to JL1 Talent Acquisition and Compensation Branch, stratcom.south-potomac.jwac.list.jwac-jobs@mail.mil by midnight of the closing date. Applications will be rated, and top candidates may be interviewed for selection.

Failure to submit a complete application package will result in an ineligible rating and loss of consideration.

Fair & Transparency

The Federal hiring process is setup to be fair and transparent. Please read the following guidance.

Equal Opportunity Employment Policy: The United States Government does not discriminate in employment on the basis of race, color, religion, sex (including pregnancy and gender identity), national origin, political affiliation, sexual orientation, marital status, disability, genetic information, age, membership in an employee organization, retaliation, parental status, military service, or other non-merit factor.

- Equal Employment Opportunity (EEO) for federal employees & job applicants

Reasonable Accommodation Policy

Federal agencies must provide reasonable accommodation to applicants with disabilities where appropriate. Applicants requiring reasonable accommodation for any part of the application process should follow the instructions in the job opportunity announcement. For any part of the remaining hiring process, applicants should contact the hiring agency directly. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

A reasonable accommodation is any change to a job, the work environment, or the way things are usually done that enables an individual with a disability to apply for a job, perform job duties or receive equal access to job benefits.

Under the Rehabilitation Act of 1973, federal agencies must provide reasonable accommodations when:
- An applicant with a disability needs an accommodation to have an equal opportunity to apply for a job.
- An employee with a disability needs an accommodation to perform the essential job duties or to gain access to the workplace.

- An employee with a disability needs an accommodation to receive equal access to benefits, such as details, training, and office-sponsored events.

You can request a reasonable accommodation at any time during the application or hiring process or while on the job. Requests are considered on a case-by-case basis.
Learn more about disability employment and reasonable accommodations

(https://www.opm.gov/policy-data-oversight/disability-employment/reasonable-accommodations/)

Other Information:
- This position is covered by the Department of Defense Priority Placement Program.
- Additional vacancies may be filled by this announcement.
- A tentative offer of employment will be rescinded if the selectee fails to meet the pre-employment requirements, including failure to report to any of the scheduled appointments.
- Relocation/recruitment bonus may or may not be authorized, if eligible.
- Relocation expenses (i.e., PCS) may or may not be authorized, if eligible.
- Vacancies filled from this announcement may be filled at any broadband level listed.
- If selected below the full performance level, you may be noncompetitively promoted to the next higher broadband level after meeting all regulatory requirements, and upon the recommendation of management. Promotion is neither implied nor guaranteed.

Legal & Regulatory Guidance
Financial suitability
(https://www.usajobs.gov//Help/working-in-government/fairand-transparent/financial-suitability/)

Social security number request
(https://www.usajobs.gov//Help/working-in-government/fairand-transparent/social-security-number/)

Privacy Act
(https://www.usajobs.gov//Help/working-in-government/fairand-transparent/privacy-act/)

Signature & False statements
(https://www.usajobs.gov//Help/working-in-government/fairand-transparent/signature-false-statements/)

Selective Service
(https://www.usajobs.gov//Help/working-in-government/fairand-transparent/selective-service/)