Advanced Data Analytics Technologist 3/4

Requisition Number: 14-1005255
Activated - Posted Internally and Externally. - Available

Location
Huntsville, AL

Virtual Office/Telecommute?
Virtual Work Not Available (Things you should know about Virtual Office)

Shift
First

Salary
SJC Salary Reference Table

Business Unit
Engineering Ops & Tech

Division
Boeing Research & Technology

Program
Fast

Occupation Title
Advanced Technology

Skills Management Title
Data Analytics

Job Classification
BBAPP3

Note: The level of the classification for a specific applicant will be based on the qualifications of that applicant.

Experience Level
Career/Experienced

Job Type
Non-Management

Exemption Status
Exempt

Union
No

Security Clearance Required?
Ability to Obtain Interim and/or Final Clearances (Post Start) - US Citizenship Required

Work Eligibility Required?
Yes

Is a US Person required to do this job?
Yes

Export Control Required?
Yes

Relocation Money Available?
No (Things you should know about relocation benefits)

ERP Money Available?
No

Date Posted
04/04/2014

Closing Date
04/18/2014 (Things you should know about closing dates)

Position Description

This is a position within the Information Systems & Service Technologies (IS&ST) organization of Boeing Research & Technology (BR&T), a leader in advanced applied research in machine learning, data analytics and artificial intelligence. Members of IS&ST have the opportunity to impact all aspects of Boeing's business, from product design, supply chain, and manufacturing, to product support in commercial and military aviation, space, and communication systems.

Boeing Research & Technology (BR&T), the central research & development (R&D) organization of The Boeing Company, invites applications for a mid-level research position as Advanced Information Technologist. We are interested in innovative researchers with interests and experience in machine learning and data mining, with a strong background in statistics, probability, mathematics, databases, and with strong programming skills. The successful applicant will be expected perform research in machine learning, data mining and/or intelligent reasoning, have good knowledge of standard machine learning and data mining algorithms and be familiar with the state-of-the-art research in the field, be capable of growing into a leader able to coordinate applied machine learning and data mining activities and projects and apply them to Boeing products and processes. Expertise and experience with image/video data, sensor data, unstructured data, and big data are highly desirable. The candidate should be able to effectively work with colleagues of diverse technical backgrounds, help develop proposals for new business, interface with internal and external customers, keep abreast of new technical advances, help develop new intellectual property, and build and maintain a network of contacts and collaborators both inside and outside the company.

Representative Major Tasks: Performs R&D of significance and value to a major program. Exhibits a high level of creativity extending new computing technology. Identifies emerging advanced computing technology of value to a major program. Evaluates and recommends technology by performing comparative analysis and trade studies. Provides subject matter expertise at the project/program level. Supports non advocate reviews. Ensures successful deployment of advanced computing technology for a project. Contributes to the creation and
review of R&D proposals. Influences functional organization decision makers to use appropriate computational tools and processes. Assists in forecasting computational needs and capabilities to address future business requirements.

Competencies

General
- [+] Collaboration
- [+] Communication
- [+] Continuous Learning
- [+] Customer Focus
- [+] Innovation

Technical
- [+] Computing Technologies
- [+] Analysis Algorithms
- [+] Data Analysis

Basic Qualifications For Consideration

Do you have a minimum of three (3) years of experience performing data analysis?

Typical Education/Experience

Level 3 - Technical bachelor's degree and typically 5 or more years' related work experience or a Master's degree with typically 3 or more years' or a PhD degree or an equivalent combination of education and experience. A technical degree is defined as any four year degree, or greater, in a mathematic, scientific or information technology field of study.

Level 4 - Technical bachelor's degree and typically 9 or more years' related work experience or a Master's degree with typically 7 or more years' or a PhD degree with typically 4 or more years' related work experience or an equivalent combination of education and experience. A technical degree is defined as any four year degree, or greater, in a mathematic, scientific or information technology field of study.

Other Job related information

Bachelors or graduate degree (or equivalent training) in statistics, machine learning, or a technical field of study with an emphasis on data analysis.

Every job requisition has specific and unique requirements listed under "Description", "Competencies", and "Education". Applicants will increase their opportunities for consideration by demonstrating compatibility with these requirements in their resumes.

The job specifications - including competencies (knowledge, skills, abilities, and other characteristics), job-relevant work experience, education, and other requirements described in this requisition - will be the basis for applicant screening, including resume reviews, structured interviews and any other assessments used to support the hiring decision. All candidates considered for this position may be required to participate in a structured interview. The structured interview is a standardized method of evaluating candidates' job related competencies to support an objective selection and promotion process.