

1. Vacancy Information

Vacancy Announcement: NISTCTL-2019-0023

Position Title: Comp or Electronics Engineer/Physicist/Statistician/Comp
Scientist ZP-0854/0855/1310/1529/1550-III

Series: 1529R

Grade: 03

Location(s): Boulder, CO, US

Veterans' Preference: NOT A VET

2. Personal Information

Name: BENJAMIN BUZZEE

Email: benbuzzee@gmail.com

Telephone 1: Mobile - 17742813803

3. Eligibility Questions

1.Are you a current Federal civilian employee?

Answer: No

2. If you answered "other" to Question 1.1, please enter your current appointment type. Enter "not applicable" if this does not apply to you.

Answer: not applicable

3.If you are a current Federal civilian employee, by what agency/office or Department of Commerce bureau are you employed?

Answer: I am not a current Federal civilian employee

4.If you answered "Other" to Question 3, please enter the agency and organization. Enter 'Not Applicable' if this does not apply to you.

Answer: not applicable

5.Are you eligible for reinstatement based on prior Federal service and you are NOT currently serving in the competitive service as a permanent career or career-conditional Federal civilian employee?

Answer: No

Note: For more information on reinstatement eligibility, refer to:

<https://www.opm.gov/policy-data-oversight/hiring-information/reinstatement> You will be required to submit a copy of a Notification of Personnel Action (SF-50) as proof of your reinstatement eligibility. Please refer to the vacancy announcement for information on submitting documentation.

6.If you answered yes to Question 5, please indicate the beginning and ending dates of your prior Federal civilian employment. If you are not eligible for reinstatement please enter NA. Note: Use the format From MM-YYYY to MM-YYYY.

Answer: NA

7.Are you a preference eligible OR a veteran who was separated from the armed forces under honorable conditions after completing 3 or more years of continuous service (may have been released shortly before completing a 3-year tour)?

Answer: No

Note: If yes, you will be required to submit a copy of your DD-214, Certificate of Release or Discharge from Active Duty, or other proof of eligibility. Please refer to the vacancy announcement for information on submitting documentation.

8.Are you eligible for a noncompetitive appointment under a Special Appointing Authority? For more information and examples of Special Appointing Authorities, please see below.

Answer: No

Some examples of Special Appointing Authorities are: Veterans' Recruitment Appointment and Disabled Veterans: For more information click [here](#) Persons with disabilities: For more information click [here](#) Pathways Program: Under this program, Internship: a student who has fulfilled the education requirements and worked the required 640 hours; Recent Graduate and Presidential Management Fellow (PMF): has successfully completed the program requirements are eligible for conversion to a permanent position at any agency within 120 days of satisfactory completion of

requirements. For more information click here [Peace Corps volunteers](#) or [Former overseas employees](#): For more information click here

9.If you answered yes to Question 8 above, please identify the Special Appointing Authority. If you answered no to Question 8, please select Not Applicable.

Answer: Not Applicable

Note: You will be required to provide supporting documentation. Please refer to the vacancy announcement for information on submitting documentation.

10.Are you eligible for appointment under an Interchange agreement or other similar authority? For more information on interchange agreements and similar authorities, click here .

Answer: No

11.If you are eligible for appointment under an Interchange agreement or similar authority, please identify the organization in which you work(ed). Enter 'Not Applicable' if this does not apply to you.

Answer: not applicable

12.If you are, or ever were, a Federal civilian employee, please indicate the pay plan of the highest grade level or pay band you held on a permanent basis. Enter 'Not Applicable' if this does not apply to you.

Answer: not applicable

Note: You can locate your pay plan in Block #16 on your Notification of Personnel Action (SF-50).

13.If you are, or ever were, a Federal civilian employee, please indicate the highest grade level (or equivalent) you held on a permanent basis that corresponds to the pay plan you identified in question #12.

Answer: Not Applicable

Note: You can locate your grade level (or equivalent) in Block #18 on your Notification of Personnel Action (SF-50).

14.If you are, or ever were, a Federal civilian employee, please indicate the beginning and ending dates of the highest grade level (or equivalent) that you identified in Question 13. Enter 'Not Applicable' if this does not apply to you.

Answer: not applicable

15.If you are, or ever were, a Federal civilian career or career-conditional employee in the competitive service, what is the highest full performance level (promotion potential) of the position you held on a permanent basis?

Answer: Not Applicable

Note: Your highest full performance level should be shown in the "Remarks" section of your Notification of Personnel Action (SF-50) that documents your initial placement into that position.

16.Does the Department of Commerce employ any member of your family?

Answer: No

17.Surplus/Displaced employee information:

Answer: I am not a displaced employee from a Federal Agency.

Note: If you are eligible for special selection priority under CTAP or ICTAP, you will be required to provide supporting documentation. Please refer to the vacancy announcement for information on submitting documentation. For more information on CTAP and ICTAP eligibility and supporting documentation requirements, please see below for: CTAP eligibility:

http://www.opm.gov/rif/employee_guides/career_transition.asp#ctap ICTAP eligibility:

http://www.opm.gov/rif/employee_guides/career_transition.asp#ictap

18.If you are a male at least 18 years of age, born after December 31, 1959, have you registered with the Selective Service system?

Answer: Yes

19.Are you a retiree receiving a Federal annuity?

Answer: No

Note: If you are an annuitant, your salary or annuity may be reduced upon employment.

20.Have you accepted a Voluntary Separation Incentive Payment (VSIP/"buyout") from a Federal agency within the past 5 years?

Answer: No

4.Vacancy Questions

Grade 03 responses

1.ZP-III(Research): Select the choice that describes how your experience and/or education meet the qualification requirements for this position.

Answer: I have a combination of education and experience.

All grades responses

1.How did you learn about this position?

Answer: USAJOBS search

2.Did you check the list of required documents for this vacancy announcement?

Answer: Yes

Please go to the following website for a list of the required documents for this announcement: <http://www.nist.gov/ohrm/staffing/requiredforms.cfm>

3.Are you eligible to apply as a CTAP or ICTAP applicant (If yes, must fax supporting documentation)?

Answer: No

4.I certify that, to the best of my knowledge and belief, all of the information included in my application (resume, responses to questionnaire, and supporting documentation) is true, correct, and provided in good faith. I understand that if I make an intentional false statement, or commit deception or fraud in this application and its supporting materials, or in any document or interview associated with the examination process, I may be fined or imprisoned (18 U.S.C. 1001); I may be denied an appointment, or I may be removed and debarred from Federal service (5 C.F.R. part 731). I understand that any information I give may be investigated. I understand that responding "No" to this item will result in my not being considered for this position.

Answer: Yes, I certify that the information provided in this questionnaire is true, correct and provided in good faith, and I understand the information provided above.

5.The following documents are requested for this vacancy.

Document Type	Description	Filename	Submission Type	Date Received (MM/DD/YYYY)
Bar Documentation	No document Submitted			
CTAP/ICTAP Notice	No document Submitted			
Cover Letter	No document Submitted			
DD 214	No document Submitted			
Executive Core Qualifications (ECQs)	No document Submitted			
Graduate Transcript	Iowa State Transcript (M.S.)	isu_transcript.PNG	UPLOAD	05/04/2019 07:05:06 PM
Graduate Transcript 2	No document Submitted			
Graduate Transcript 3	No document Submitted			
Other	No document Submitted			
Professional Technical Qualifications (PTQs)	No document Submitted			
SES Candidate Development Program Certificate	No document Submitted			
SF-15	No document Submitted			
SF-50	No document Submitted			
Transcript	bridgewater-transcript	bridgewater-transcript.pdf	USAJOBS	01/01/2018 06:53:52 PM
Transcript 3	No document Submitted			
Transcript 2	massasoit-transcript	massasoit-transcript.pdf	USAJOBS	01/01/2018 06:54:06 PM
US Coast Guard Licenses & Endorsements	No document Submitted			
US Mil	No document Submitted			
VA Ltr	No document Submitted			
Writing Sample 1	No document Submitted			
Writing Sample 2	No document Submitted			

6.Resume

Resume from USAJOBS: BenBuzzeeResume

7.Vacancy Announcement

Announcement Number:	NISTCTL-2019-0023
Position Title:	Comp or Electronics Engineer/Physicist/Statistician/Comp Scientist ZP-0854/0855/1310/1529/1550-III
Open Period (MM/DD/YYYY):	05/07/2019 - 05/20/2019
Series/Grade:	ZP - 0854R,0855R,1310R,1529R,1550R 03
Salary:	USD \$67,956 - USD \$105,890
Work Schedule:	Full-time -
Promotion Potential:	ZP-03
Hiring Agency:	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
Duty Locations:	1 Vacancies in Boulder, CO, US
Telework Eligible:	Yes
For More Info:	Jason Travis 301-975-5998 jason.travis@nist.gov
Hiring Path:	<ul style="list-style-type: none"> • Individuals with disabilities • Competitive service • Career transition (CTAP, ICTAP, RPL) • Military spouses • Peace Corps & AmeriCorps Vista • Open to the public • Veterans
Who May Apply/Clarification From the Agency:	* All qualified U.S. citizens * Current Federal employees serving under a career or career-conditional appointment in the competitive service; * Former Federal employees with reinstatement eligibility; * CTAP/ICTAP eligible; * National Service (Peace Corps & VISTA); * Applicants eligible under special hiring authorities (i.e., Appointment of certain military spouses, Schedule A); OR * Veterans who are eligible under the Veterans Employment Opportunities Act (VEOA).
Security Clearance Required:	Top Secret
Appointment Type:	Term appt, NTE 2 yrs
Marketing URL:	http://nist.gov/ohrm/careers.cfm
Job Summary:	Data scientist for spectrum-sharing projects administered by the National Advanced Spectrum and Communications Test Network (NASCTN) at NIST. Your application package may be shared with other selecting officials at NIST with opportunities like the one you are applying to. Additional selections may be made through this vacancy. This notice is issued under direct-hire authority to recruit new talent to occupations for which NIST has a severe shortage of candidates.
Supervisory Position:	No
Relocation Expenses Reimbursed:	Yes

	Relocation expenses may be authorized.
Travel Required:	25% or less Conference attendance, visit sponsors and collaborators
Major Duties:	Data scientist for spectrum-sharing projects administered by the National Advanced Spectrum and Communications Test Network (NASCTN). Develop and improve software that will implement advanced statistical models and machine learning algorithms for the analysis of large and complex data sets. Provide support in database engineering, data processing, data visualization, and data analysis for measurement projects in wireless communications and spectrum sharing. Develop and maintain databases and data processing software for NASCTN projects. Develop data visualization and data analysis tools for NASCTN projects. Collaborate and propose with research teams and stakeholders on research for machine learning and other methods with applications to wireless communications. Communicate results via reports, publications, and presentations. Consult and participate in the execution of complex spectrum sharing and interference tests critical to the NIST mission and CTL priorities (e.g. NASCTN).
Requirements:	Must be able to pass a drug test Applicants must meet requirements by the closing date of this announcement.
Key Requirements	<ul style="list-style-type: none"> • You must be a U.S. citizen • You must be registered for Selective Service if applicable (www.sss.gov) • You must be suitable for Federal Employment • Must be able to pass a drug test
Education Requirements:	This position has an education requirement. You must submit a copy of your transcripts to document that you have met the education requirement. Unofficial transcripts will be accepted in the application package. Official transcripts will be required prior to the final offer of employment. Foreign education: Individuals educated in whole or in part in foreign countries must submit sufficient evidence, including transcripts, to an accredited private organization for a U.S. equivalency evaluation of course work and degree. View a listing of these accredited organizations from the Department of Education's website . Provide a copy of the letter containing the results of the equivalency

	<p>evaluation with a course by course listing. Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (e.g., Peace Corps, AmeriCorps) and other organizations (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. You will receive credit for all qualifying experience, including volunteer experience. Qualification requirements in the vacancy announcement are based on the U.S. Office of Personnel Management (OPM) Qualification Standards Handbook, which contains Federal qualification standards. This handbook is available on the OPM website located at http://www.opm.gov/qualifications Applicants may request reconsideration of their qualifications determination within three business days from the date their applicant status was changed. Applicants should email the Agency Contact listed in this vacancy announcement with their written request listing the announcement number; explaining why the original determination was improper; what factors were not considered; and, should provide any other pertinent information that would enable reevaluation.</p>
Evaluations:	<p>Applications will be evaluated against the basic qualifications. Your resume must contain sufficiently detailed information upon which to make a qualification determination. Please ensure that your resume contains specific information such as position titles, beginning and ending dates of employment for each position, average number of hours worked per week, salary, duties performed for each position, and if the position is/was in the Federal government, you should provide the position series and grade level/pay band. Please also include in your resume a list of all publications and patents/patent applications on which you are a named inventor and provide the title and patent/patent application number for each. Qualified candidates will be considered in accordance with the Office of Personnel Management Direct Hire Guidelines. Veterans' Preference does not apply to the direct hire recruitment procedures. Selections made under this</p>

	notice will be processed as new appointments to the civil service. You may not be considered for the position if any part of the application is incomplete. Your application may not receive appropriate consideration without the required supporting documentation.
Qualifications:	<p>Basic Requirements: Computer or Electronics Engineer, ZP-0854/0855-III A. Degree: Professional engineering. To be acceptable, the curriculum must: (1) be in a school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum; or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics. OR B. Combination of education and experience - College-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying professional engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following: • Professional registration - Current registration as a professional engineer by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be</p>

rated eligible only for manufacturing engineering positions. • Written Test - Evidence of having successfully passed the Engineer-in-Training (EIT) examination, or the written test required for professional registration, which is administered by the Boards of Engineering Examiners in the various States, the District of Columbia, Guam, and Puerto Rico. Applicants who have passed the EIT examination and have completed all the requirements for either (a) a bachelor's degree in engineering technology (BET) from an accredited college or university that included 60 semester hours of courses in the physical, mathematical, and engineering sciences, or (b) a BET from a program accredited by the Accreditation Board for Engineering and Technology (ABET) may be rated eligible for certain engineering positions at GS-5. Eligibility is limited to positions that are within or closely related to the specialty field of the engineering technology program. Applicants for positions that involve highly technical research, development, or similar functions requiring an advanced level of competence in basic science must meet the basic requirements in paragraph A. Because of the diversity in kind and quality of BET programs, graduates of other BET programs are required to complete at least 1 year of additional education or highly technical work experience of such nature as to provide reasonable assurance of the possession of the knowledge, skills, and abilities required for professional engineering competence. The adequacy of this background must be demonstrated by passing the EIT examination. • Specified academic courses - Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and in engineering that included the courses specified in the basic requirements. The courses must be fully acceptable toward meeting the requirements of a professional engineering curriculum as described in paragraph A. • Related curriculum - Successful completion of a curriculum leading to a bachelor's degree in engineering technology or in an appropriate professional field, e.g., physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a degree

in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions. (The above examples of related curricula are not all-inclusive.) NOTE: An applicant who meets the basic requirements as specified in A or B above may qualify for positions in any branch of engineering unless selective factors indicate otherwise, or unless he/she qualifies under the provisions of B.2 related to the EIT examination or BET degree.

Physicist, ZP-1310-III A. Degree: physics; or related degree that included at least 24 semester hours in physics. OR B. Combination of education and experience - Courses equivalent to a major in physics totaling at least 24 semester hours, plus appropriate experience or additional education. In either A or B above, the courses must have included a fundamental course in general physics and, in addition, courses in any two of the following: electricity and magnetism, heat, light, mechanics, modern physics, and sound.

Mathematical Statistician, ZP-1529-III A. Degree: that included 24 semester hours of mathematics and statistics, of which at least 12 semester hours were in mathematics and 6 semester hours were in statistics. OR B. Combination of education and experience - at least 24 semester hours of mathematics and statistics, including at least 12 hours in mathematics and 6 hours in statistics, as shown in A above, plus appropriate experience or additional education.

Computer Scientist, ZP-1550-III Bachelor's degree in computer science or bachelor's degree with 30 semester hours in a combination of mathematics, statistics, and computer science. At least 15 of the 30 semester hours must have included any combination of statistics and mathematics that included differential and integral calculus. All academic degrees and course work must be from accredited or pre-accredited institutions. In addition to the Basic Requirements: for any of the series above, applicants must meet the

	<p>following Specialized Experience: Applicants must have 52 weeks of specialized experience equivalent to at least the GS-9 level (ZP-II for NIST employees). Specialized experience is defined as experience in Python programming, software engineering, database design, data visualization and analysis, and data mining as well as experience in machine learning and research. OR Master's or equivalent graduate degree OR A combination of qualifying education and experience.</p>
How to Apply:	<p>To apply for this position, you must complete the online application and submit the documentation specified in the Required Documents section of the announcement. 1. To begin, click Apply Online to access an online application. Follow the prompts to select your USAJOBS resume and/or other supporting documents. You will need to be logged into your USAJOBS account or you may need to create a new account. 2. You will be taken to an online application. Complete the online application, verify the required documentation, and submit the application. 3. You will receive an email notification when your application has been received for the announcement. 4. To verify the status of your application, log in to your USAJOBS account, https://my.usajobs.gov/Account/Login , select the Application Status link and then select the More Information link for this position. The Application Status page will display the status of your application, the documentation received and processed, and your responses submitted to the online application. Your uploaded documents may take several hours to clear the virus scan process. 5. To return to your saved application, log in to your USAJOBS account at http://www.usajobs.gov/. and click on "Applications." Click on the position title, and then select "Update Application." Applicants are strongly encouraged to apply online to receive full consideration, however if you are unable to apply online, please contact the Agency Contact identified for this vacancy. Problems Completing Your Application If you have problems completing your on-line application, including problems submitting your supporting documents, please contact the Help Desk by email at mgshelp@monster.com or by phone at</p>

	866.656.6831. The help desk is available Monday - Friday, 7:00 a.m. to 7:00 p.m. ET.
Required Documents:	<p>What documents do I need to submit? In addition to your resume, you must submit a copy of your transcripts to document that you have met the education requirement. Unofficial transcripts will be accepted in the application package. Official transcripts will be required prior to the final offer of employment. How do I submit my documents: You may submit required and/or supplemental documents through any ONE of the following methods: Upload your file(s); Download from your USAJOBS account; Fax using the on-line fax cover sheet; All required supporting documentation mentioned in this vacancy announcement, and all vacancy applications submitted electronically or via fax must be submitted and received by 11:59 pm ET on the closing date of this announcement. You are not required to submit official documents at this time; copies are sufficient. Are you CTAP or ICTAP Eligible? If you are a Federal employee claiming special priority selection rights under DOC's Career Transition Assistance Program (CTAP) or your Agency's Interagency Career Transition Assistance Program (ICTAP), you must meet the threshold of "well qualified" for the position to receive priority consideration. DoC defines well qualified as receiving an overall score of "85". You must also submit proof that you meet the requirements of 5CFR 330.605 (a) for CTAP and 5 CFR 330.704 for ICTAP. This includes a copy of your agency's notice, a copy of your most recent Performance Rating and a copy of your most recent SF-50, Notification of Personnel Action, noting current position, grade level, and the duty location. Please annotate your application to reflect that you are applying as a CTAP or ICTAP eligible. For more information about CTAP and ICTAP, please refer to the following web sites: CTAP ICTAP</p>
Next Step:	After the announcement closes, your application package will be reviewed to determine if you meet the minimum qualification requirements. We expect to make a final job offer within 45 days from the closing date of the announcement. You will be notified of your application status through USAJOBS at four points during the hiring process, as applicable. You can check the

	status of your application by accessing the USAJOBS website at http://usajobs.gov/ and clicking on "Applications." The status will be visible next to the corresponding position. The four points of notification are: 1. Application Received or Application Incomplete; 2. Minimum Qualification Requirement Met or Minimum Qualification Requirement Not Met; 3. Referred or Not Referred; and 4. Selected or Not Selected
Benefits URL:	https://www.nist.gov/careers/pay-benefits-and-leave
Agency Benefits:	NIST offers a comprehensive benefits package that includes, in part, paid vacation, sick leave, holidays, life insurance, health benefits, and participation in the Federal Employee Retirement System. NIST also offers a broad array of work-life flexibilities and services to employees such as flexible work schedules, teleworking transit subsidies, on-site child care, fitness center, credit union, employee assistance programs, and free parking. Learn more about NIST's work life programs by clicking here .
Other Information:	A one year trial period may be required. This appointment may be extended up to four years without further competition. This position is covered by an Alternative Personnel Management System (APMS). This system replaces the General Schedule (GS) pay plan and grade with career paths and pay bands. For information regarding how the pay bands correspond to the General Schedule, click here .

8.Demographic Information

1. How did you learn about this position? Answer: Other Internet Site 2. Sex: Answer: Male 3. Ethnicity: Answer: Not Hispanic or Latino 4. Race: Answer: White - a person having origins in any of the original peoples of Europe, the Middle East, or North Africa. 5. A. Do you have any of the following? Answer: No answer If you did not select one of the options above, please indicate whether: Answer: None of the conditions listed above apply to me.