

Opportunity Title: Research Computer Scientist - U.S. Army ERDC-Information Technology Laboratory
Opportunity Reference Code: ERDC-ITL-2023-0045

Organization U.S. Department of Defense (DOD)

Reference Code ERDC-ITL-2023-0045

How to Apply Click on *Apply* now to start your application.

Description The Information Technology Laboratory (ITL), part of the U.S. Army Engineer Research and Development Center (ERDC), is a premier Department of Defense (DoD) laboratory engaged in the creation and application of advanced information technology in support of the warfighter and the Nation. ITL helps enable the missions of the ERDC, Army, DoD, and other agencies by conceiving, planning, managing, conducting, and coordinating research and development (R&D) in high-performance computing (HPC), data science, computer-aided and interdisciplinary engineering, high performance data analytics (HPDA), software engineering, computer science, systems engineering, cybersecurity, and instrumentation systems. Through a balanced program of R&D and demonstration, ITL advances the Army's knowledge and ability to use revolutionary information technology to address a wide range of engineering and scientific challenges.

What will I be doing?

Under the guidance of a mentor, you will collaborate and research with a team engaging in Data Analytics and Artificial Intelligence (AI) Modeling. You will be provided with the necessary computational resources and guidance on project research. The goals will be tailored according to the needs of the project and your skills and experience.

Where will I be located? Location Varies

Why should I apply?

This fellowship provides the opportunity to independently utilize your skills and engage with experts in innovative ideas to move the proposed research forward.

What is the anticipated start date?

ERDC-ITL is ready to make an appointment immediately. Exact start date will be determined at the time of selection and in coordination with the selected candidate.

What is the length of appointment?

This ORISE appointment is a part-time nine-month opportunity. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.

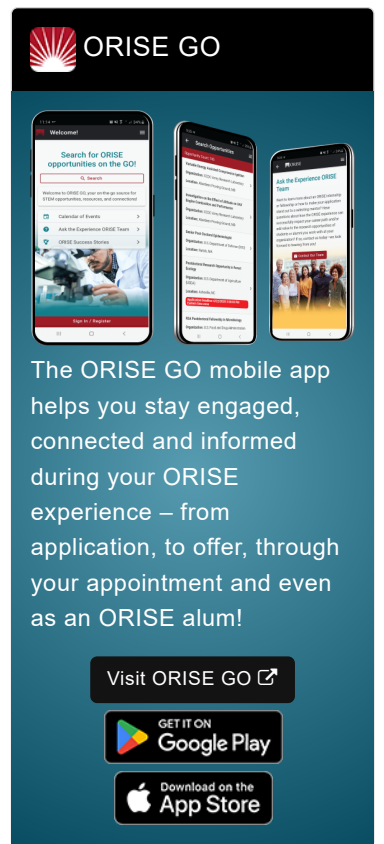
What are the benefits?

You will receive a stipend to be determined by ERDC-ITL. Stipends are typically based on the participant's academic standing, discipline, experience, and research facility location. Other benefits may include the following:

- Health Insurance Supplement. Participants are eligible to purchase health insurance through ORISE.
- Relocation Allowance
- Training and Travel Allowance

About ORISE

This program, administered by Oak Ridge Associated Universities (ORAU) through its contract with



ORISE GO

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the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and DoD. Participants do not enter into an employee/employer relationship with ORISE, ORAU, DoD or any other office or agency. Instead, you will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE. For more information, visit the [ORISE Research Participation Program at the U.S. Department of Defense](#).

Qualifications The ideal candidate will have a bachelor's degree and must be pursuing a master's or doctoral degree in a computational or data science field.

The candidate must be independent and a creative thinker and able to execute effectively with guidance and periodic (i.e., weekly) coordination. Required skills are programming ability, particularly in python, logical and critical thinking, and research skills such as literature review and experimental design.

A complete application consists of:

- Zintellect profile
- Essay Questions - The application includes questions specific to the opportunity.
- Academic Records - For this opportunity, an official transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted.
- Current Resume/CV
- One (1) Recommendation - Your application will be considered incomplete and will not be reviewed until one recommendation is submitted. We encourage you to contact your recommender(s) as soon as you start your application to ensure they are able to complete the recommendation form and to let them know to expect a message from Zintellect. Recommenders will be asked to rate your scientific capabilities, personal characteristics, and describe how they know you. You can always log back in to your Zintellect account and check the status of your application. The status will go from Started to Submitted and then to Completed once the required recommendations have been received.

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system. If you have questions, send an email to usace@orise.orau.gov. Please list the reference code of this opportunity in the subject line of the email. Please understand that ORISE does not review applications or select applicants; selections are made by the sponsoring agency identified on this opportunity. All application materials should be submitted via the "Apply" button at the bottom of this opportunity listing. Please do not send application materials to the email address above. All documents must be in English or include an official English translation.

Connect with ORISE...on the GO! Download the new ORISE GO mobile app in the Apple App Store or Google Play Store to help you stay engaged, connected, and informed during your ORISE experience and beyond!

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- Eligibility**
- Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.
 - **Discipline(s):**
 - **Computer, Information, and Data Sciences** ([17](#) 👁)
 - **Engineering** ([3](#) 👁)
 - **Mathematics and Statistics** ([1](#) 👁)
 - **Age:** Must be 18 years of age