

Opportunity Title: Bioinformatics Scientist

Opportunity Reference Code: 0178-NIAID-2020

Organization ORAU

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Description ORAU has a contingent job opportunity for a Bioinformatics Scientist in support of the overall functions of the Vaccine Research Center, located in Bethesda, MD. The position is contingent on award of an upcoming contract with NIAID Professional, Scientific and Technical Support Services. Salary for positions will be determined based on education and experience. Relocation support is not available for this position.

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Technical Requirements:

- Collaborate with stakeholders to understand user requirements and generate specifications for software platform(s) that address evolving program needs.
- Develop computer code for reliable data visualization dashboards and analysis pipelines.
- Develop computer code for extraction and transformation of data from existing platforms.
- Develop computer code for data reduction, storage, and retrieval.
- Maintain and effectively utilize existing IT infrastructure, as well as work with IT staff to expand capabilities when necessary.
- Write clear usage, developer, and other reference documentation.
- Contribute to the implementation of sound development and data management practices.
- Assist training of junior data scientists to utilize custom APIs and other software tools.
- Drive increased adoption of quantitative modeling / advanced data analysis tools by VPP staff, including but not limited to one-on-one and group training in data science, data engineering, and related technologies.

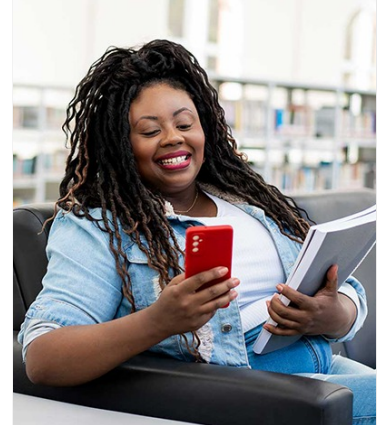
- Qualifications**
- Proficient in Python and JavaScript, delivering clean, robust, and well-documented code.
 - Experience in designing and developing sophisticated, modern web applications and services.
 - Experience with relational databases.

Preferred:

- Experience developing Django web applications and services.
- Working experience with JavaScript frameworks such as JQuery, Angular, or ReactJS.



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- Experience creating and/or using web services and RESTful APIs.
- Excellent collaboration and communication skills.
- Proficient understanding of Git version control system.

- Eligibility**
- Requirements**
- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree.
 - **Discipline(s):**
 - **Computer, Information, and Data Sciences** ([16](#) 👁)
 - **Engineering** ([1](#) 👁)
 - **Life Health and Medical Sciences** ([23](#) 👁)
 - **Mathematics and Statistics** ([10](#) 👁)

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