

**Opportunity Title:** Environmental Technologies Specialist

**Opportunity Reference Code:** EPA-NSSC-0008-28-9-1-21

**Organization** U.S. Environmental Protection Agency (EPA)

**Reference Code** EPA-NSSC-0008-28-9-1-21

**How to Apply** Click [HERE](#) to Apply

**Description** The EPA National Student Services Contract has an immediate opening for a full time Environmental Technologies Specialist position with the Office of Research and Development at the EPA facility in Cincinnati, Ohio.

The Office of Research and Development at the EPA supports high-quality research to improve the scientific basis for decisions on national environmental issues and help EPA achieve its environmental goals. Research is conducted in a broad range of environmental areas by scientists in EPA laboratories and at universities across the country.

#### **What the EPA project is about**

The Center for Environmental Solutions and Emergency Response (CESER) plans, coordinates and conducts an applied, customer-driven, national research and development program to improve decision making by EPA, federal, state, tribal and local agencies, when faced with challenging environmental problems in the built environment. Within CESER, the Water Infrastructure Division (WID) conducts customer-driven research and support, providing scientific leadership on national-scale problems associated with water quality in the built infrastructure.

WID works to develop tools and data that can be used by EPA, States, communities, water utilities and engineers to solve complex water treatment issues. The Water Treatment Plant model was developed to model the expected performance of a treatment plant to aid in understanding how many utilities are likely to meet proposed regulations. The ETDOT (Environmental Technologies Design Option Tools) suite of software models unit operations for water treatment to aid utilities and engineers in sizing and operating specific unit operations.

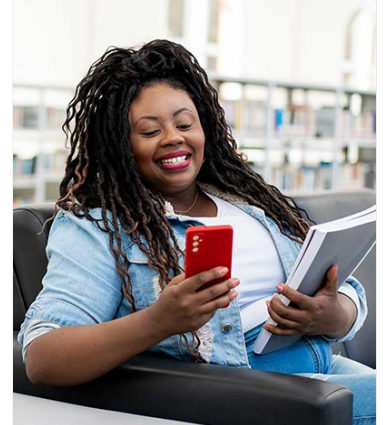
#### **What experience and skills will you gain?**

As a team member, you will assist WID staff with the duties required to support and advance the dissemination and use of the Water Treatment Plant Model and ETDOT, including:

- Updating graphical user interface of packages included in ETDOT from Visual Basic 6, to current Visual Studio compatibility to ensure Windows10 compatibility;
- Supporting GitHub activities to share code and update code to support bug fixes;
- Assistance with using and testing Water Treatment Plant and ETDOT modeling software. This includes, but is not limited to, ensuring the codes perform as expected and complete tests as expected; and
- Assisting with development of presentations, how to videos, and



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manuscripts.

The student shall perform duties according to specifications and instructions provided by the mentor. All necessary instructions and training shall be provided by the EPA mentor.

**Required Knowledge, Skills, Work Experience, and Education**

- Experience with Visual Basic (specifically VB 6) and Python;
- Proficiency with Microsoft PowerPoint, Word, Outlook, Excel, and SharePoint;
- Experience with Github.com software repositories; and
- Strong written, oral and electronic communication skills.

**Location:** This job will be located EPA's facility in Cincinnati, OH.

**Salary:** Selected applicant will become a temporary employee of ORAU and will receive an hourly wage of \$22.63 for hours worked.

**Hours:** Full-time.


**Travel:** No travel is anticipated for this position.

**Expected start date:** The position is full time and expected to begin August 2021. The selected applicant will become a temporary employee of ORAU working as a contractor to EPA. The initial project is through May 14, 2022, with up to 3 additional option periods.

*For more information, contact EPAjobs@orau.org. Do not contact EPA directly.*




- Qualifications**
- Be at least 18 years of age **and**
  - Have earned at least a Bachelor's degree in computer science or engineering discipline (computer, environmental, chemical) or a closely related field of study from an accredited university or college within the last 24 months **and**
  - Be a citizen of the United States of America or a Legal Permanent Resident.
  - **Provide proof of a COVID vaccination per the Safer Federal Workforce Task Force Guidance for Federal Contractors**

*EPA ORD employees, their spouses, and children are not eligible to participate in this program.*

- Eligibility Requirements**
- **Citizenship:** LPR or U.S. Citizen
  - **Degree:** Bachelor's Degree received within the last 24 month(s).
  - **Overall GPA:** 2.00
  - **Discipline(s):**
    - **Computer, Information, and Data Sciences** ([17](#) )

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- **Earth and Geosciences** ([1](#) )
- **Engineering** ([27](#) )
- **Environmental and Marine Sciences** ([14](#) )

**Affirmation** I certify that I am at least 18 years of age; a recent graduate with at least a Bachelor's degree in computer science or engineering discipline (computer, environmental, chemical) or a closely related field of study from an accredited university or college within the last 24 months; a citizen or a Legal Permanent Resident of the United States of America; and not a current employee of EPA ORD or the spouse or child of an EPA ORD employee.

Click [HERE](#) to Apply

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