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Y12 Internship High Students Program 2025 In United States

Description

The Y12 Internship High School Students Program 2025 is designed to offer talented high school students an opportunity to gain hands-on experience in science, technology, engineering, and mathematics (STEM) fields. As an intern, students will collaborate with world-class professionals at Y12 National Security Complex to contribute to critical projects that support the nation's security and infrastructure. This program aims to inspire the next generation of STEM leaders through real-world experience and mentorship.

Responsibilities

- **Project Support:** Assist with ongoing research and development projects related to national security, nuclear science, or engineering.
- **Collaboration:** Work closely with Y12 employees and other interns in a collaborative environment to solve real-world problems.
- **Learning & Development:** Participate in training and workshops to enhance knowledge and skills in relevant STEM fields.
- **Data Collection & Analysis:** Support data collection, analysis, and reporting for various technical projects.
- **Safety Compliance:** Follow all safety protocols and ensure the integrity of work environments.
- **Networking:** Build relationships with professionals in the field through mentorship, career development events, and networking opportunities.
- **Presentations:** Prepare reports and presentations to share internship progress and findings with the team.

Qualifications

- Must be a current high school student, entering 11th or 12th grade by the start of the program in 2025.
- Strong interest in pursuing a career in STEM fields (science, technology, engineering, or mathematics).
- A minimum GPA of 3.0 or higher.
- U.S. citizenship or permanent residency (due to security clearance requirements).

Experience

- No prior internship experience required, but previous experience in science, math, technology, or engineering-related activities (such as school projects, clubs, or personal initiatives) is a plus.
- Demonstrated interest in STEM through extracurricular activities, academic achievements, or personal projects.

Skills

- **Technical Skills:** Basic understanding of mathematics, science, or

Hiring organization

Y12 Internship

Employment Type

Intern

Duration of employment

6 Months

Industry

Defense and Space Manufacturing

Job Location

Oak Ridge, Tennessee, United States, 37830,, Oak Ridge,, Tennessee,, United States,

Working Hours

8

Base Salary

10

Date posted

December 21, 2024

Valid through

17.12.2026

engineering principles (specific knowledge of tools or software is a plus but not required).

- **Communication:** Strong verbal and written communication skills, with the ability to present ideas clearly and work collaboratively.
- **Problem-Solving:** Critical thinking and analytical skills to approach complex tasks with a methodical and creative mindset.
- **Teamwork:** Ability to work effectively as part of a diverse team.
- **Time Management:** Ability to manage multiple tasks and meet deadlines in a dynamic environment.
- **Attention to Detail:** Accuracy and attention to detail in performing tasks and reporting findings.

Job Benefits

- **Learning Opportunities:** Exposure to cutting-edge technologies and industry-leading professionals.
- **Career Development:** Gain valuable insights into careers in national security, engineering, and other STEM fields.
- **Networking:** Opportunities to build professional connections with experts in STEM industries.
- **Financial Compensation:** Paid internship program (hourly rate based on position and experience).
- **Certificate of Completion:** Receive a certificate upon successful completion of the program.
- **Mentorship:** One-on-one guidance from experienced professionals throughout the internship.
- **Potential Future Employment:** Opportunities to apply for future internships or full-time roles at Y12 National Security Complex based on performance.

How To Apply

- **Prepare Your Application:** Submit a resume that highlights your academic achievements, extracurricular activities, and any relevant experience or projects related to STEM.
- **Complete the Application Form:** Visit the Y12 internship portal and complete the online application form. Be sure to provide accurate and up-to-date contact information.
- **Submit an Essay:** Write a 500-word essay on why you are interested in the Y12 Internship High School Students Program and how this opportunity will help you achieve your career goals in STEM.
- **Provide References:** Submit at least one letter of recommendation from a teacher, counselor, or mentor who can speak to your academic abilities and interest in STEM.

[Job Vacancies Portal Here:](#)