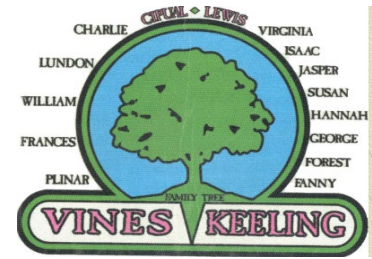# Apprenticeship**USA** Chat Sheet

April 2025

Monthly Newsletter for H.S. Students – Information Technology

What is the Information Technology (IT) Industry?

Imagine the world around you-the smartphones in your pockets, the video games you play, the social media you scroll through, the online learning platform you use for school, even the traffic lights that help you get around. At the heart of all of this is the Information Technology (IT) industry. The following business sectors are included:

a) **Software Developers:** The architects and builders of the apps & programs;
b) **Cybersecurity Specialists:** Guardians who protect our digital information;
c) **Network Engineers:** People who design and maintain the information highway;
d) **Data Scientists:** Analyze large amounts of information in search of patterns;
e) **IT Support Specialists:** Helpful experts who troubleshoot computer problems.
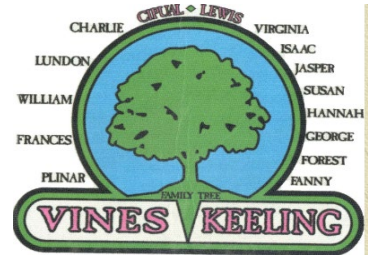
Why is Information Technology (IT) Important?

The IT industry is the backbone of the modern world. It's not just about convenience of entertainment: it's fundamental to how our society functions. In short, the IT industry is essential for the present and will be even more critical for our future.

What are the Benefits of a Career in the Information Technology (IT) Industry?

The Information Technology (IT) field offers a variety of rewarding career paths. The Information Technology (IT) Industry is constantly growing, ensuring job stability and high demand for qualified workers. This is a sample of occupations with good future job prospects and average starting pay:

1) Help Desk Technician - ($45,000/year) w/HS Diploma + Certificates;
2) Computer Support Specialist - ($49,000/year) w/HS Diploma + Certificates;
3) IT Technician ($50,000/year) - w/HS Diploma + Certificates;
4) Database Technician ($37,500/year) - w/HS Diploma + Certificates;
5) Jr. Web Developer ($52,500/year) - w/HS Diploma + Certificates.

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How to Prepare for a Career in the Information Technology (IT) Industry?

If you are interested in a career in the Information Technology (IT) industry, there are a few different ways you can get started. Focus on having strong skills in math and science. Also, hone your written and verbal skills. Volunteer and/or Intern in Information Technology (IT) business settings.

Another approach is an Apprenticeship. Go to the **ApprenticeshipUSA** link for more information[click the blue] (Homepage | Apprenticeship.gov). There, you will find Apprenticeship Programs and on-the-job training opportunities which can take 1 to 2 years of hands-on and classroom training with pay. Let me know if you have questions or need assistance.

For local in-person support you can use your area **American Job Center** (**AJC**) [click the blue] (American Job Center Finder | CareerOneStop). Simply enter your Zip code to find your nearest AJC.

Conclusion

The Information Technology (IT) Industry is positioned to expand and offer exciting careers for motivated individuals. Remember, the journey to becoming an Information Technology (IT) professional begins now, so start actively preparing and exploring your options.

Additional Tips for High School Students and Graduates

- Take advantage of career counseling services at your high school. Your high school counselors can help you to learn more about different career options, including Information Technology (IT) industry careers.

- Check out the American Job Center (AJC) above…. it's a great resource!