

Building Language Skills with The Seattle Times

May 26, 2016

Article

“Welcome to Map Your Career: Career Paths in Information Technology” Sunday, May 22, 2016 in the e-Edition of The Seattle Times, Shop NW, page E4

Pre-Reading:

Take 3-5 minutes to make a list of all the words that you can think of that relate to technology. What kind of categories can you sort them into? Which words are related? Did you write anything about people who create technology?

Vocabulary

As you read, look for the following vocabulary words that appear in today’s article. Write down what you think the words mean based on the “context,” or how the words are used in the sentence in which they appear. Next, look up the definitions in a dictionary and see how close your guess was for each word.

integration

compliance

analyst

technician

devices

interactive

multi-media

e-Commerce

QA

programmer

scripter

multi-media

technician

outpacing

Comprehension:

1. What is the highest hourly wage listed and what type of job can earn that salary?
2. What is the wage range for a Computer Support Specialist?
3. What career paths can lead to being a Business Data Specialist?
4. What certifications are required for roles in development including Software Applications Developer, Database Analyst, Programmer Analyst, and Programmer?
5. What specific jobs are named as essential to many businesses?
6. What are high-level Data Integration jobs?
7. What entry-level jobs in Information Technology are listed?"
8. Within which career path are the jobs of Multi-Media Artist and Graphic Designer?
9. What software-related jobs are listed?
10. Which career path doesn't list any certifications? What type of certifications and or experience do you think might be useful for this career path?
11. Which two roles offer the lowest hourly wages?
12. What role entitles management?

Post-Reading:

Watch the following video on informational technology and discuss the following questions in a group: https://www.youtube.com/watch?v=PHmwZ96_Gos

This video was made in 2009, how do you think technology has changed even in the last 7 years? How has technology changed in the last 50 years? Can you imagine how your life would be different if we didn't have the technology that we have today? What are some of the advantages to developing technology? What are some disadvantages to developing technology? How often do you personally use technology? How do you think science and technology will change in the next 100 years?

Building Language Skills: "Welcome to Map Your Career: Career Paths in Information Technology"

Search the last two weeks of The Seattle Times to find an article that discusses new developments in technology. Read the article and summarize the main points. Share what you learn in the article with the rest of the class. What role does information technology play in this article? How is information technology being used in everyday life? How does this article relate to the information technology career map?

If you need help finding an article, here are some suggestions for information technology articles from the last week:

- **“Clinton bets on technology in strategy to defeat Trump”** Monday, May 23, 2016 in the e-Edition of The Seattle Times, Main, page A1
- **“Microsoft commits to cleaning up its cloud”** Friday, May 20, 2016 in the e-Edition of The Seattle Times, Business, page A10
- **“Girls outperform boys in test of tech-engineering literacy”** Wednesday, May 18, 2016 in the e-Edition of The Seattle Times, Main, page A5.

Comprehension Question Answers:

1. An Information Systems Manager can make up to \$134.89 an hour.
2. Computer Support Specialists can earn from \$16.37-\$47.55 and hour.
3. Computer Support Technician, Help Desk Technician and a Business Software Specialist can all directly lead to a role as a Business Data Specialist.
4. Applications Developer and Software Developer Certifications may lead to those roles in development.
5. Network Administrators, Software Engineers, Programmers and Database Developers are named as essential to many businesses.
6. Project Manager and Data Architect are high-level Data Integration jobs.
7. Business Data Specialist, computer Support Technician, Help Desk Technician, Database Technician, Software QA tester, QA Tester, e-Commerce Specialist and Business Publications Specialist are all entry-level Information Technology jobs.
8. Multi-Media Artist and Graphic Designer are within the Internet and Interactive Media career path.
9. Jobs listed in software include Business Software Specialist, Systems Software Engineer, Software Applications Developer, and Software QA Tester.
10. The Internet and Interactive Media career path doesn't list any certifications. Answers to certification and experience will vary.
11. Graphic Designers and Computer Support Specialists have the lowest hourly wages at \$15.80 and \$16.37 per hour, respectively.
12. Within the career path of Data Integration is the role of Project Manager.