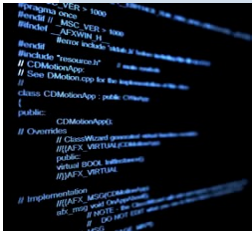


COMPUTER PROGRAMMING

A CAREER IN INFORMATION TECHNOLOGY

Daily Tasks

- Wide range of tasks
- Overseer: Watches over coworkers
- Incorporates coding



Various Jobs

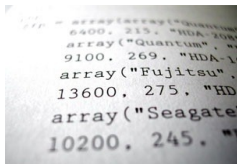
- Software developer
- C/C++
- Developer
- Application Developer
- Java Developer
- Web Designer

Job Outlook

Increase much faster than average of all occupations, excellent job prospects
Estimated employment increase 32% from 2008-2018

Education & Certification

- Bachelors degree in Computer Science, mathematics or information systems
- Knowledge of major programming languages
- Often required to know how to work with database systems (i.e. Oracle, Sybase)
- C++, Java, and XML (in Nation certification courses)
- Certification helps prove programmers understand a specific language



Brief Overview

- Write a step-by-step instruction that directs the computer to process information
- These are made with various codes
- The instructions are known as programs

Quote From Alan Kay

"Most software today is very much like an Egyptian pyramid with millions of bricks piled on top of each other, with no structural integrity, but just done by brute force and thousands of slaves."

Industry Related Websites

msdn.microsoft.com/en-us/default.aspx

www.suite101.com/computerprogramming

www.intranetjournal.com/articles/200709/ij_09_27_07a.htm

