

# Girls Educating Themselves about Information Technology



## Consider a job in information technology today!

### Say 'goodbye' to the stereotypical nerd.

Make way for the new world of IT! A field that is always changing is doing so now more than ever. New roles are emerging and the demand for more IT professionals is increasing. Many exciting and rewarding opportunities are available for young women like yourself. When you go to college consider a degree in IT. See the following job titles and responsibilities to learn more about some of the exciting jobs that IT has to offer.

#### Project Manager (PM)

- Organizing events
- Leading in projects
- Managing project deliverables & timelines
- Working with people in many situations

#### Business Analyst (BA)

- Organizing & collecting needs of a system
- Being analytical (asking questions to understand)
- Working creatively with people on multiple tasks
- Documenting system needs for developers and testers

#### Quality Assurance Analyst (QA)

- Thinking logically & analytically
- Testing & verifying system features & functions
- Managing system issues

#### Software Engineer/Developer

- Seeing results right away
- Creating solutions to challenging problems
- Developing systems by coding in different languages

#### Graphics Designer

- Thinking creatively and visually
- Designing the look and feel of a system
- Using graphic representations to convey information

#### Technical Writer (Tech Writer)

- Writing and editing content
- Researching new systems to understand how they work
- Organizing information to help others learn

#### Database Administrator (DBA)

- Managing millions of data needed for a system
- Helping data get to the system in a split second

### Did you Know



- IT graduate rates are the lowest they have been since the 1970's.
- Large companies are reporting 50-70% of their workforce may retire in the next 7-10 years.
- There are 70% fewer IT graduates than in 2000.
- The percentage of women in IT vocations has fallen to 8-10%.
- Placement rates remain high, at over 85%.



## Career Spotlight: Business Analyst

Have you ever used a computer application such as Microsoft Word or even a gift registry at a store? Have you ever wondered, "Why doesn't the system let me do this?" or "It would be neat if I could do ...?"

If you have ever asked these questions, then you should consider a career in Business Analysis.

Business Analysts are responsible for getting information and documenting how a system will work. A big part of figuring out what a new system will do involves working with many different groups of people.

Each group will have different needs. A BA has to collect all those different pieces, like the pieces of a puzzle, then put them together and present the information in a way that everyone can understand.

A BA may also be part of testing a system. This allows the BA to use a system to ensure it works the way it was intended.

BAs wear many hats which keeps each day interesting. If you like multi-tasking, using computers, and working with people, then consider Business Analysis as a career option.

### Why IT?

- ➔ Offers high paying jobs to help you live a comfortable life.
- ➔ Provides fun & challenging jobs that keep you interested. Every day presents something new.
- ➔ Makes available many opportunities in almost any city allowing you to live wherever you want.
- ➔ Provides many opportunities for growth and promotion.
- ➔ Allows you to be in the "know" of many technological gadgets, solutions, and other advancements. You could even be involved with creating them!
- ➔ Provides the opportunity to use your creative problem solving skills. This will help you stand out and help you realize your full potential. You are all brilliant. Show it!

## How to get involved in IT today

*Take computer classes offered at school*  
Your school may offer computer programming classes such as visual basic or web programming. Don't be afraid to sign up. Give it a try. You might find that you really like it!

*Play around on your computer at home*  
Don't be afraid of the computer. Use the computer to create posters, birthday cards, or play educational online games. It will give you creative ideas on how technology can be used.

*Use the computer for school activities*  
Become comfortable with creating documents, presentations, even websites for school activities. Those are skills that go a long way and put you ahead!

*Go to College*  
No matter what your interests are, make sure your plans include furthering your education. Think about it today.

## Have Any Questions?

Contact Kacie Conroy at [kacie.conroy@qwantify.com](mailto:kacie.conroy@qwantify.com) for any questions you might have regarding IT careers and opportunities for young adults.