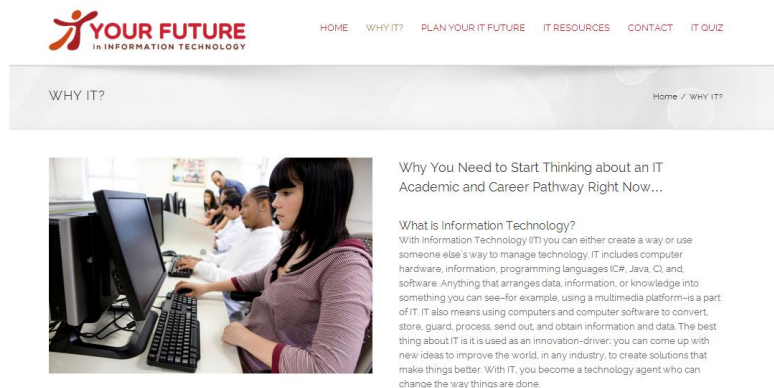# YOUR FUTURE IN IT USER GUIDE
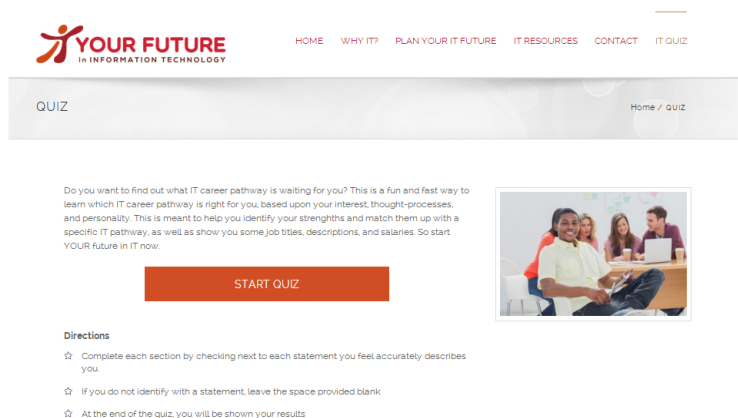

For Students

Your Future in IT is:

- a place to find out what IT is, why it's a great academic and career choice, and what working in IT can do for any student,
- easy to use,
- provides practical and useful information, and,

- has a series of user-friendly tools that encourage academic planning to ensure the completion of key academic courses, (plus for a student's consideration extra-curricular activities, elective credits, IT certifications, and more.)

1. The first step for students who are unfamiliar with an IT program of study, and want to find out what career pathway is recommended for them, the site has an IT interest quiz.

2. After the student takes the IT interest quiz, the results are tallied immediately and one of the three IT career pathways is recommended for them to think about.
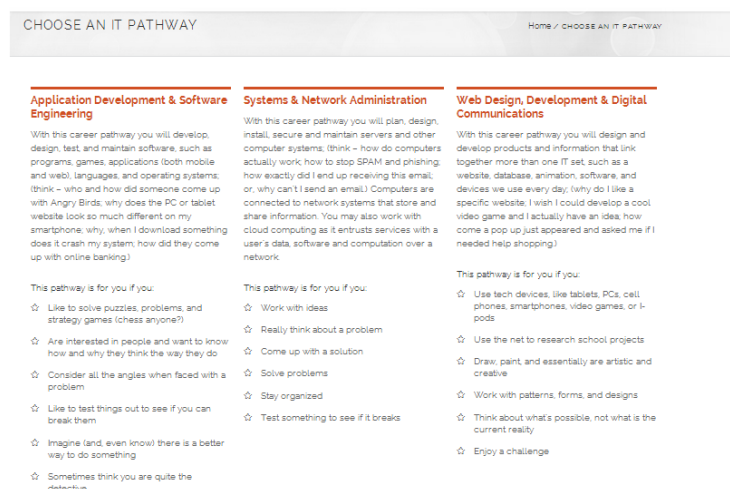
3. There is a description of what the IT occupation is about, a list of job descriptions for a series of occupations that fall within the main IT occupation, a list of degrees and certificates offered by all Washington State colleges and universities for the main IT occupation, and, an academic planning guide.

Applications Analyst

An application analyst is someone whose job is to support a given application or applications. This may entail some programming, some system administration skills, and the ability to analyze a given problem, diagnose it and find its root cause, and then either solve it or pass the problem on to the relevant people if it does not lie within the application analyst's area of responsibility. Typically an application analyst will be responsible for supporting bespoke (i.e. custom) applications programmed with a variety of programming languages and using a variety of database systems, middleware systems and the like. It is a form of 3rd level line technical support. The role may or may not involve some customer contact but most often it involves getting some description of the problem from helpdesk, making a diagnosis and then either creating a fix or passing the problem on to someone who is responsible for the actual problem area.

They are classified under *Computer Systems Analysts* and the associated job title is *programmer analyst*.

If you choose an educational/career pathway as a quality assurance engineer you would find employment in computer systems design and related services, finance, insurance, information technology, as well as government.

DETAILED JOB PROFILE

EARNINGS

4. For example if Application Development and Software Engineering is recommended, a student could find out about what an application analyst does, including a detailed job description and the salary an application analyst can make. They can also look at the customized academic pathway planning guide (that takes them from grades 9 through 16) and find a college that offers a degree or certificate in software development and engineering.

5. Students can create an account and keep track of their academic progress to ensure they are fully involved in completing a robust IT program of study.

6. There is also an array of IT informational and resource articles that student's can quickly read and review to find out about:
- Statistics Matters in IT and Beyond
- Forming a Study Group
- IT Job Shadows, Part-Time Work, and Volunteering
- Chess Can Develop Your Math Skills

YOUR FUTURE in INFORMATION TECHNOLOGY

HOME   WHY IT?   PLAN YOUR IT FUTURE   IT RESOURCES   CONTACT   IT QUIZ

IT RESOURCES   Home / IT RESOURCES

This is your place for both general and specific (IT) information and resources that will help you navigate and plan both your educational and career pathway in a number of ways:

☆ General Academic Advice and Tips

☆ Why Taking Math and Statistics Will Make your IT Educational and Career Pathway So Much Easier (Including tips on how best to overcome math anxiety, fun ways to prepare for math, etc.)

☆ Professional Advice (It's never too early to start thinking about building an online portfolio, internships, and part-time jobs)

☆ Extra-Curricular Activities

☆ How to Build the Skills that Will Help You in High School and Beyond...

☆ How to Build the Skills that Will Make You Employable

IT Resources
> Fun and Informative IT Features
> Get Ready, Set for College, Now Go...
> Math Resources
> Take Advantage of Your Middle and High School Experience

For Educators

Your Future in IT: The IT Resource for Students in Washington State
Website User Guide for Students, Educators, Counselors, and Parents
© Center of Excellence for Information and Computing Technology

Educators can familiarize themselves with the guide above for students and take a quick tour of the website to quickly understand how it works.

There are also a number of informational pieces that can be reviewed and incorporated into the curriculum and used to either create a best practice, or build upon an existing one.

For Counselors (Academic and Career) and Parents

For counselors, both academic and career, and parents there are a number of informational pieces that will help them understand how to assist, advise, and advocate for a student's academic and career pathway in IT.