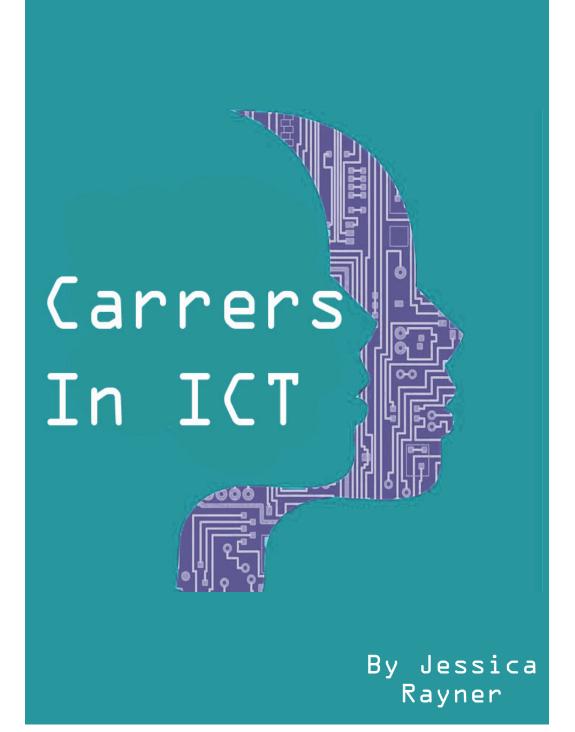Infomation from:
http://www.futureintech.org.nz/careers , https://www.newzealandnow.govt.nz/work-in-nz/nz-jobs-industries/information-technology-jobs

Images: Photographer Harland Quarrington Image 45153622.jpg from www.defenceimages.mod.uk , www.flickr.com/photos/92334668@N07/11123530043, https://commons.wikimedia.org/wiki/File:Girls-in-ict2.jpg , pixabay.com/en/photos/mac%20computer/

Carrers In ICT

By Jessica Rayner

What is the Digital industry?

The digital industry is a new term to describe the wide range of work in information technology, computer programming, software development, high-tech electronics, information systems, and web, games and multimedia development.

General Job Incomes

Design/Product Development Engineer
Generally earns:
$40-55,000 starting salary
$60-80,000 with two to three years' experience

Web developer
Generally earns:
$35-50,000 starting salary
$60-80,000 with three or more years' experience

GIS analysts
Generally earns:
$40-55,000 starting salary
$70-100,000 with more experience

Software developer
Generally earns:
$40-55,000 starting salary
$60-80,000 with three to six years'

Recommended school subjects:

Maths
Geography
Digital Technologies
English
Physics
Design and Visual Communication
Calculus
Physics
Chemistry
Statistics & Modelling
Construction & Mechanical Technology

What are the main areas in Digital Technology?

Information Technology specialists focus on technology such as hardware, networking, servers, operating systems and software.

Information Systems is concerned with the information that computer systems provide to help an organisation, such as managing financial accounts and customer databases.

Software Engineering is about the development and maintenance of software systems. A software engineer might design, write and test computer programs, and often is involved in a project from original idea to final product.

Computer Science looks at the maths and science behind computers, and how people use them. People with computer science qualifications work in a wide range of roles, from designing and developing computer systems to programming, developing software, and managing complex computer networks.

Computer Systems Engineering is about designing, developing and operating computer systems. Computer systems engineers may specialise in computer hardware, software or the embedded computer systems used in cars and mobile phones.

Media Design combines digital technologies and design, and includes areas such as: computer game programming and design, website and app design and development, computer-generated imagery (CGI) for films, TV and games, and audio/visual communication.