***MY SPECIALITY***

Choosing a profession has become more difficult nowadays as there are thousands of different kinds of jobs, and new ones are constantly appearing. And the problem of choosing the right profession has always been very important and difficult matter because it determines our future life in many ways. While choosing a job many factors should be taken into consideration: interests, abilities, skills, values, personal preferences. Training, promotional prospects and conditions should be also taken into account.

Psychologists believe that the choice of a future profession must be in accordance with the individual’s talents and abilities.

I have always been interested in computer science and technologies. Our personal lives and social relations are actually changing in relation to these technologies. We live at the so-called “information age”. Information is now generated, transmitted, received and stored electronically via computer networks, and the growth of personal computing will continue.

Besides I have always been good at Maths and while studying at school I participated in National Mathematical Olympiads. Also I think I have good analytical abilities. So my intention is to become a specialist in the field of computer and information technologies.

So the speciality I study for is **a mathematician-informaticien, software design specialist.**

Software design specialists maintain, audit and improve organisational support systems by working on the internal operations of computers and using existing systems.

The role also covers writing diagnostic programs and code for operating systems and software to ensure efficiency, design and develop applications using accepted computer programming languages. So these specialists should have a large knowledge base of programming languages ranging from high-level to low-level, each designed for a special purpose: languages such as C++, Pascal, Java, C#.

Every specialist in this field must possess strong computer skills with understanding of DOS, Windows, MS Access, MS Visual Basic, MS SQL Server and current County GIS Mapping Platform. Knowledge of computer terminology and a need for accuracy and attention to detail is required as well.

The range of sectors in which software design specialists may be employed is very broad and includes: *IT firms* - such as IT consultancies, large IT providers, software development, internet providers and training firms; *organisations that use IT software, systems and equipment* - these include retailers, law firms, business intelligence and market research organisations, education providers, the armed forces, the public sector and voluntary sector organisations; *manufacturing industry* - including automotive, navigation, telecommunications, manufacturing and construction companies; *financial services* - including global investment banks, financial/banking organisations, security market specialists and the pensions sector; *public utilities* - covering energy and water supply, energy extraction and transport.