

PROGRAMMER

Job Summary:

A Programmer (or Computer Programmer or Software Developer) makes software better or fixing all the bugs so the software runs smoothly on the device it's suited for. You have to work for certain clients/companies for this job. You also work in an office.

Tasks:

There are numerous tasks when you are a Programmer (and also there are different fields which determine certain tasks), but here are the main tasks:

- Making software for devices. -Developing software.
- Making software work smoothly.-Testing software.
- Writing programs for video games and apps.

Personal Requirements:

To be a Programmer you need to have patience because your programs aren't going to work from the start. You need to work pretty precisely because one little error in your program could ruin your software. There are strict deadlines because your clients need your programs on a certain time. You need to think outside the box to fix your problems. You will have to have some co-operation skills to work with other programmers.

How to get into the job:

To become a Programmer you should have: A software certification, a university qualification in the following fields, Computing, Information Science or Business Computing, have some programming job background and 1 – 2 years of training. What would be useful is to be good at ICT/Computing, Physics, English and Mathematics.

Job vacancies by region



In New Zealand, the place with the most job vacancies is Auckland.



A Computer Programmer in action, while working with another worker.



These devices are powered by different operating systems, but they all have one thing in common, they all have some Programmer's contribution.



Here are some leading technology companies that hire many different ICT jobs.

Bibliography:

- <http://skillshortages.immigration.govt.nz/developer-programmer>
- <http://www.careers.govt.nz/jobs/information-technology/programmer/>

Working Conditions:

Being a programmer requires you to work in an office. Some work can be done at home but most times it's in an office. You will have to work with a variety of devices. You might have to work overseas because your clients could be from different countries. Deadlines are pretty strict because you are working for a client that will need it in a certain time. You could possibly work on weekends, evenings and when the company calls you.

Pay and Progression:

The usual pay is \$65 thousand to \$90 thousand for a Programmer in New Zealand. The 2014 pay median for Programmers in NZ was \$75 thousand. For the top 25% paid Programmers in New Zealand the average was \$90 thousand. For the bottom 25% paid Programmers in NZ was \$64,500. You could be promoted to being a Software Architect or a Chief Information Officer.

Job Opportunities:

The job opportunities in New Zealand for Programmers are very high because they need more Programmers because of the high demand of the Programmers (and the demand was caused by the growing amount of devices used in New Zealand), which is shown with being a Programmer on the NZ Immigration Skill Shortage List. In New Zealand, Auckland has the most job vacancies.

Related Jobs:

- Here are a few related jobs to being a Programmer. More related jobs are under the pathway 'Manufacturing and Technology.'
- Website Administrator -Business Analyst
 - Computer Support Technician -Technology Manager