New Zealand
ICT
Tertiary Education & Job Trends
October 2010

Note: Indicates a change

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Recent Insights

- ICT jobs advertised on Seek increased for the September-October period, with the exception of Wellington (9% decrease)
- ICT jobs advertised on Trademe increased by 12% for the September-October period
- 80% of current Seek ICT jobs advertised in NZ are for full time positions
- Massive investment in IT & T projects in the Asia Pacific region
- Recruitment firms have predicted an imminent skills shortage in the ICT industry, specifically in mid-level management, as a result of reduced hires during the global financial crisis (GFC)

(Accessed October 2010)
Institutes of Technology & Polytechnics (ITP)
ICT Enrolment Trends
2002 to 2010

Source: NACCQ EFTS (Accessed March 2010)
ICT Jobs NZ
Trends - Recession & Recovery

Institutes of Technology & Polytechnics (ITP) ICT Enrolments
(24% Increase 2007 to 2010)

Source: Seek ICT (Accessed October 2010)
Wintec School of IT
Combined Diploma & Degree EFTS
2002 to 2010

Conclusion: These measures better quantify successful outcomes
A 12% increase for Trademe - September to October

Source: Seek ICT & Trademe (Accessed October 2010)
Seek ICT Jobs
% Increase
January - October 2010

Source: Seek ICT (Accessed September 2010)
Seek ICT Work Type (NZ)
October 2010

These percentages are typical

Source: Seek ICT (Accessed October 2010)
Note: Overall figures for Waikato are typical of smaller NZ regions
Source: Seek ICT (Accessed October 2010)
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<thead>
<tr>
<th>Company</th>
<th>URL</th>
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<tr>
<td>Gen-i</td>
<td><a href="http://www.gen-i.co.nz/">http://www.gen-i.co.nz/</a></td>
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<td>Datacom</td>
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<td>Gallagher Group</td>
<td><a href="http://www.gallagher.co.nz/">http://www.gallagher.co.nz/</a></td>
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<td>Wintec (ITS ~30 Staff)</td>
<td><a href="http://www.wintec.ac.nz/">http://www.wintec.ac.nz/</a></td>
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<td>Hamilton City Council (HCC)</td>
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<td>Livestock Improvement Corporation Ltd (LIC)</td>
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<td>University of Waikato</td>
<td><a href="http://www.waikato.ac.nz/">http://www.waikato.ac.nz/</a></td>
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<td>Retail: Dick Smith, Heathcote Appliances, Noel Leaming, Harvey Norman, etc</td>
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Career Services: Computing & IT Jobs IT

- Administrator (Website)
- Analyst Programmer
- Call Centre Adviser
- Chief Information Officer
- Computer Applications Engineer
- Computer Programmer
- Computer Systems Analyst
- Computer Systems Technician
- Computing Services Manager
- Content Developer
- Customer Service Professional
- Customer Service Representative (CSR)
- Database Administrator
- Database Analyst
- Database Developer
- Desktop Support Analyst
- Desktop Support Technician/Engineer
- Documentation Specialist
- Graphic Designer (Web Pages)
- Hardware Engineer
- Helpdesk Operator
- Information Designer
- Information Services Manager
- Information Systems Engineer
- Information Systems Technician/Consultant
- Information Technology Manager

Huawei to launch handset in OZ and NZ? Talking to carriers in Australia and New Zealand about local distribution of its new Ideos mobile phone, which runs the latest version of Google’s Android operating system

Australia govt data centre relocation: A request for tenders has been released, the first step in establishing a new panel of services providers as part of a plan to save USD1 billion in data centre costs over the next 15 years

Shanghai cloud development: The 12 projects under the city’s plan to boost its cloud computing industry are proceeding as planned; a total investment of RMB3 billion is expected by end-2012

Dell to invest USD100 billion over next decade: It plans to open its 2nd centre in China next year

Singapore emerges as Asia Pacific’s leading cloud computing hub: according to Ovum, with firms such as Tata Communications, AT&T, BT, Verizon Business, SingTel, and Orange choosing Singapore as their preferred location

Vietnam Data center: Telehouse Vietnam has begun operating in Hanoi. It will provide data-related services for businesses involved in telecom, finance and banking
Skills shortage to return, but with variations (Computerworld October 2010)

Robert Walters - 2010 Global Salary Survey (Selected Extracts)

- Wellington - pay rates in many IT skill sets are up this year, especially in contracting.; e.g. senior project managers
- The survey commentary makes predictions for 2010 for both Auckland & Wellington;
  - In the “Outlook for 2010” in Auckland, the commentary notes “We predict that the overall focus will continue to be cost-cutting and refining IT processes, helped by a technology push towards cloud computing, ultimately cutting infrastructure and associated costs
  - As a result, the demand for skilled candidates who can operate within the cloud environment will be heightened
  - Additionally, candidates with skills in application development, data centre operations and network engineering (including security) will be highly sought-after
  - Things began to pick up in the final quarter of last year in Auckland, and that this year, “we envisage that the pattern of slow and steady levels of recruitment will continue in 2010 and we expect a general shortage of skilled professionals in the IT sector once again
  - There are already a number of significant programmes of work underway and we therefore anticipate demand for those candidates with technical project management skills to strengthen in the first quarter
  - We expect to see some strength return to the private sector, which will lead to more demand for highly skilled and experienced candidates across all key IT disciplines
  - This is expected to drive wage growth due to an ongoing underlying shortage of good quality, experienced professionals

- For the foreseeable future computing will be one of the fastest-growing U.S. job markets in science, technology, engineering, and mathematics (STEM)
- Nearly 3 out of 4 new science or engineering jobs in the U.S. are going to be in computing!
- Approximately 1 in 5 computing jobs will be in networking

Conclusions:

- Global recession had a significant impact
- Global demand increasing
- Global skill shortages signalled
- Future ICT job potential extremely healthy
- Educate and train now to be ready for the economic upswing...