New Zealand
ICT
Tertiary Education & Job Series
April 2011

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Note:
Indicates new/significant change
Recent Insights

- NZ ICT jobs advertised on Seek & Trademe for April 2011 continue to trend ahead of this time last year
- 7% of the total NZ Seek ICT job adverts are for junior/entry level/graduate categories
- Java is the world’s top programming language, according to the TIOBE Programming Community Index for March
- Java features in 85% of NZ Seek ICT job adverts for programmers/developers
- The demand for Microsoft skills in NZ [compared with Linux & Cisco] showed the greatest [15%] increase for the March – April period, especially for Wellington [34%] & Canterbury [83%]

- Canada predicting Serious & Pervasive ICT skills shortages
Seek IT Job Trends NZ 2011

Source: Seek ICT (Accessed April 2011)
Seek ICT Jobs NZ
January - April 2011

Total NZ

Canterbury

Wellington

Waikato

Auckland

Seek ICT Jobs NZ
January - April 2011

Auckland | Waikato | Wellington | Canterbury | Total NZ
---|---|---|---|---
Apr-11 | 1516 | 67 | 825 | 188 | 2689
Mar-11 | 1530 | 68 | 785 | 144 | 2603
Feb-11 | 1559 | 66 | 800 | 151 | 2662
Jan-11 | 960 | 42 | 532 | 123 | 1712

Source: Seek ICT (Accessed April 2011)
2007 Peaks before recession

ICT Jobs NZ
Seek & Trademe

Source: Seek ICT (Accessed April 2011)
Seek ICT NZ Jobs by Industry Certification
April 2011

<table>
<thead>
<tr>
<th></th>
<th>Auckland</th>
<th>Waikato</th>
<th>Wellington</th>
<th>Canterbury</th>
<th>Total NZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft</td>
<td>245</td>
<td>16</td>
<td>114</td>
<td>42</td>
<td>444</td>
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<tr>
<td>Cisco</td>
<td>173</td>
<td>7</td>
<td>76</td>
<td>18</td>
<td>287</td>
</tr>
<tr>
<td>Linux</td>
<td>460</td>
<td>28</td>
<td>200</td>
<td>68</td>
<td>779</td>
</tr>
</tbody>
</table>

Source: Seek ICT (Accessed April 2011)
Seek ICT NZ Job Adverts
Filtered on Entry Level/Junior/Graduate [April]

New chart for April

Source: Seek ICT (Accessed April 2011)
Seek ICT NZ Job Adverts by Role [April]

- Programmer/Developer: 44%
- System Support: 32%
- Technician: 23%
- All Others: 2%

New chart for April 2011.

Source: Seek ICT (Accessed April 2011)
Distribution of Seek ICT NZ Job Adverts for Java Programmers/Developers

- Programmer [Java]: 41%
- Developer [Java]: 44%
- Other Prog/Dev: 15%

New chart for April 2011.

Source: Seek ICT (Accessed April 2011)
*Java is the most popular programming Language @ No.1

Source: TIOBE (Accessed April 2011)
Recent News Items

NZ Firms Hunt for Skills Edge [HeraldJobs Special Report: IT & Telecommunications]

- People with strong IT skills are in short supply:
  - Strong demand for people across the board
  - Skills shortage hotspots include;
    - SAP sector
    - Java development
    - .NET development
- People with a good understanding of the cloud are also in demand [70 Seek ICT NZ jobs for April containing the word cloud]

[Source: HERALD JOBS Wednesday, March 16, 2011]
[Canadian] Tech Sector Faces “Serious & Pervasive” Skills Shortage

- Recommendations to close the widening gap between labour supply and demand in ICT include:
  - Encouraging more post-secondary students to take ICT-related courses
  - Integrating foreign-educated workers into Canada’s ICT workforce
  - Shifting post-secondary curriculum towards more cross-disciplinary programs
  - Getting the industry itself to accept compromises on skill levels and embracing more diversity in the ICT workforce

[Source: canada.com 05/04/2011]
Recent News Items

TIOBE Programming Community Index for March 2011

- March headlines:
  - Java is the number one language
  - Almost all new code developed with Visual Studio is written in C# [instead of in alternatives VB.NET and C++]. As a result, C# is gradually becoming Microsoft's number one language
  - C# has set another all-time record, thus becoming number 4 of the TIOBE index
  - In the long run C# seems to be the only serious candidate to compete with Java
  - Other winners of this month are;
    - Objective-C,
    - Lua
    - Groovy
  - Python lost some ground, whereas PHP is now seriously lagging behind

Note: The popular search engines Google, Bing, Yahoo!, Wikipedia, YouTube and Baidu are used to calculate the ratings.
[Source: TIOBE Software 30/03/2011]
Conclusion:

- Global demand for IT talent continues to grow
- Globally Java is the number one language
- In NZ 44% of the Seek ICT job adverts are for programmers/developers
- In NZ Java features in 85% of Seek ICT job adverts for programmers/developers
- Comments/feedback welcome - email: 
  
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