

Industry speakers.

**Jade Software**  
**John Ashcroft**

Look at a range of staff biographies. To show a range of positions and people involved in Jade. A real mix of young and old, across a range of disciplines. From dedicated Computer science through to social media representatives paid to update Facebook and twitter.

Then a look through the rooming and infrastructure if Jade Headquarters.

The Jade brand and Jade architecture are specific:

All advertising is real people.  
Fun enthusiastic social staff

Customers; ports, police, frontera etc. wide ranging and varied.

**Tait Electronics**  
**Ed Wagner**

Christchurch Centered  
More vacancies than staff  
Large staff

Critical information equipment.  
Develop base software and user applications

Rundown on  
A base stationing a tower for communication. Software and computer in the base station is in excess of a million lines of code.

There are a range of jobs that Tait's use to get these stations running.

Programming  
GUI  
Correcting coding

Largely overseas based and male

Really stressed the fact that a huge number of employees are overseas people. Other companies are after the same students.

Really happy there is a computer science curriculum in operation!

Senior engineers 110,000.  
Internships open to tertiary students in penultimate year.

## **University of Canterbury**

Richard Lobb

Computer science a programming is fun and it's an important component of learning.  
Software Engineering: took the fun out of computer science.  
However there is a new life being breathed back into programming, eg Alice Scratch etc

What's missing is ... competition

Look at the [nzoi.org.nz](http://nzoi.org.nz)

Project Euler

NZPC

This brings in team spirit and competition.

Encouragement to get involved.

## **Hairy Lemon**

Graeme Dockerill

New Zealand is far better than Old Zealand!

32 in the company. Used for loads of things. From orcs etc.  
Range of people from normal to geek.  
Very good mix of people and a good mix of women and men.

Reasons to work in the computer industry.

- Build cutting Edge technology
- Build website (good ones)
- Ingenuity and innovation
- New methodologies
- Travel world wide.
- Love of computer science.
- Diverse range of skill sets.
- Hard to find good people
- Create super code
- Innovative ideas and leaders are right here in nz.

We really need new people. We need more people involved!  
That was his message

Tertiary qualified but a wide range of people.

## **University of Canterbury**

Moffatt Matthews

Practical and computation software engineer  
Researcher and Teacher

In middle of a technology revolution. A huge shift in paradigm thought.

Every part of everyone's life is changing.

Student and Farny army and Egypt revolution. Mass technology and software revolution.  
**Teachers and students are the instigators of the revolution!**

Eg audience response in the classroom.

Trialled this in cosc at Canterbury. Idea ... Put this on any wireless device.

### **Be bold, be courageous!**

Students are not the future leaders they are future changers.

Intelligent Systems Tutoring.

Now used in 15 countries... Change in paradigm.

### **Know your audience.**

Add goodness to the world.