Senior lecturer in the Software Engineering Research Lab (SERL)

I am seeking Post Graduate students (Masters/PhD) for research projects in the following technology areas:

- Cloud Computing and digital services
- Self-adaptive systems
- Digital twins
- Software tools for disaster management
- Social networks
- Internet of Things
- Graph databases and graph theory

These projects typically involve research in areas relating to formal verification.

PhD Candidates should consider applying to one of AUT's many doctoral scholarships.

PG students may also be eligible for a stipend.
Students are also welcome to submit their own project proposals

Current Projects:
Efficient Parametric Model Checking:
www.cs.york.ac.uk/tasp/ePMC/index.html

Probabilistic Verification of Socio-Cyber-Physical Systems:
serl.aut.ac.nz/resources/probabilistic-verification-of-socio-cyber-physical-systems-of-disaster-affected-regions

ACADEMIC POSITIONS

- **Senior Lecturer**
  Auckland University of Technology, Computer Science, Auckland, New Zealand
  Nov 2013

- **Postdoctoral Research Fellow**
  University of York, Computer Science, United Kingdom
  18 Oct 2010 - 17 Oct 2013

- **Postdoctoral Researcher**
  INRIA, Espresso Group, France
  1 Apr 2009 - 30 Sep 2010

- **Research Associate**
  University of Sheffield, Computer Science, United Kingdom
  1 Nov 2007 - 31 Dec 2008

DEGREES

- **PhD, Computer Science**
  Swansea University, United Kingdom
  Nov 2002 - Mar 2007

- **Bachelor of Science, Honours, Computer Science and Mathematics**
  Carleton University, Canada
  1 Sep 1997 - 1 Oct 2002

TAGS

- Computer Software
- Electrical and Electronic Engineering
- Computation Theory and Mathematics
- Information Systems

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