

**The University of Waikato, New Zealand**  
**Funded PhD Position on Cloud Interference Security**

The research conducted by The University of Waikato's team will focus on mitigating performance interference in clouds to protect tenants' activities from being detected. We are looking to apply Machine-Learning-based detection and resource-aware obfuscation algorithms on cloud clusters. This involves a substantial program of research to develop, implement and apply to industrial case studies.

Applicants are required to have completed (or be close to completing) a Master degree (or equivalent) or a Bachelors with Honors (or equivalent) with outstanding grades in Software Engineering, Computer Science, Computer Engineering or closely related areas. Additional knowledge in related disciplines such as, Operating Systems, Computer Architecture, IT Security or Distributed/Parallel Programming is welcome.

The candidate should be able to not only design, but also implement and test working prototypes of the algorithms developed during the research period. Good coding skills as well as experience using Machine Learning packages and Linux are necessary.

The STRATUS project (<https://stratus.org.nz/>), which is supported by the New Zealand Ministry of Business, Innovation and Employment (<https://www.mbie.govt.nz/>), will provide a stipend of NZD24,000 p.a. and cover the enrollment fees for 3 years.

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**Closing Date** for Applications: **2019-03-01**

All applications are considered as they are received.