

CROW Newsletter - January 2018

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Inaugural CISSP training a success



[\(ISC\)²](#) certified University of Waikato recently held the inaugural Certified Information Systems Security Professional ([CISSP](#)) certification in Wellington.

“Being first [\(ISC\)²](#) official training provider in New Zealand is a milestone for the information security community here,” says CROW head and New Zealand Institute for Security and Crime Science director AProf Ryan Ko.

“Providing opportunities for existing IT professionals to retrain as cyber security professionals goes a long way towards addressing the current skills shortage. Internationally-renowned [\(ISC\)²](#) certifications such as the CISSP will enhance our ability to train future leaders in combating cyber security.”

Authorised [\(ISC\)²](#) instructor Rick Bellwood led the sessions alongside Ger van Hees and Francis Kaitano who are undergoing [\(ISC\)²](#) training to become authorised instructors in New Zealand.

“It was an honour to have taught the class to such a fine group of professionals. I strongly feel that our CISSP course provides a good solid basis when addressing key areas of cyber security and information security. I’m also hopeful that other New Zealand professionals will attend future classes to gain knowledge, not only to assist for the CISSP exam, but also to obtain a vast amount of knowledge to assist them within their own working security environments,” Bellwood says.

CISSP is for security practitioners, managers and executives who want to improve their knowledge of a wide range of security principles and the CCSP credential is designed for professionals with competency and

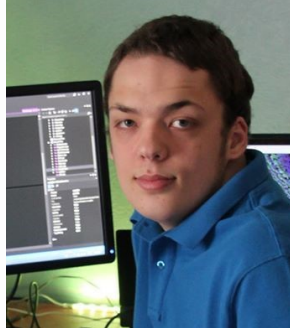
knowledge through hands-on experience in information security and cloud computing. An international non-profit membership association, (ISC)² has more than 130,000 members and is most well-known for its CISSP certification. Alongside the CISSP, the University of Waikato will also offer official (ISC)² [CBK Training seminars](#) and the [Certified Cloud Security Professional](#) (CCSP) certifications.

Josh presents research to international conference

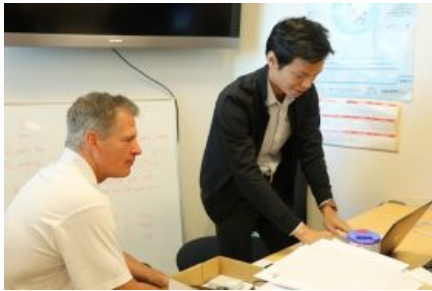
CROW PhD candidate Joshua Scarsbrook recently attended [International Conference on Program Comprehension](#) in Gothenburg, Sweden.

He presented his research paper [MetropolJS: Visualizing and Debugging Large-Scale JavaScript Program Structure with Treemaps](#).

"This is the first computer science event I've been to with this many people and this scale. I spent most of the first day learning how to get around the venue. The conference also had some amazing keynote speeches which are sure to focus my research further."



US Ambassador visits CROW

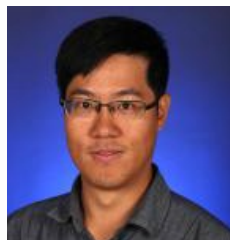


PhD student Thye Way explains his data provenance research to US Ambassador Scott Brown

New Zealand US Ambassador Scott Brown visited University of Waikato keen to find out what cyber security and crime science staff and students are doing. During his campus visit, Brown met several postgraduate students to find out about their research, and had a sit-down chat with Institute for Security and Crime Science senior lecturer Dr Justin Kurland. [Read More](#)

CROW staff news

CROW bids a fond farewell to research fellow Dr Harris Lim who leaves the team after two years. During his time with CROW Harris was involved with STRATUS' [Anomaly Understanding Framework](#) with Gallagher and Vigilance. Harris has been an integral part of our successful commercialisation with Vigilance and Gallagher, bringing on his unique blend of cyber security and machine learning expertise into our team. We wish him the best for his future endeavours. Once a CROW, always a CROW. :)





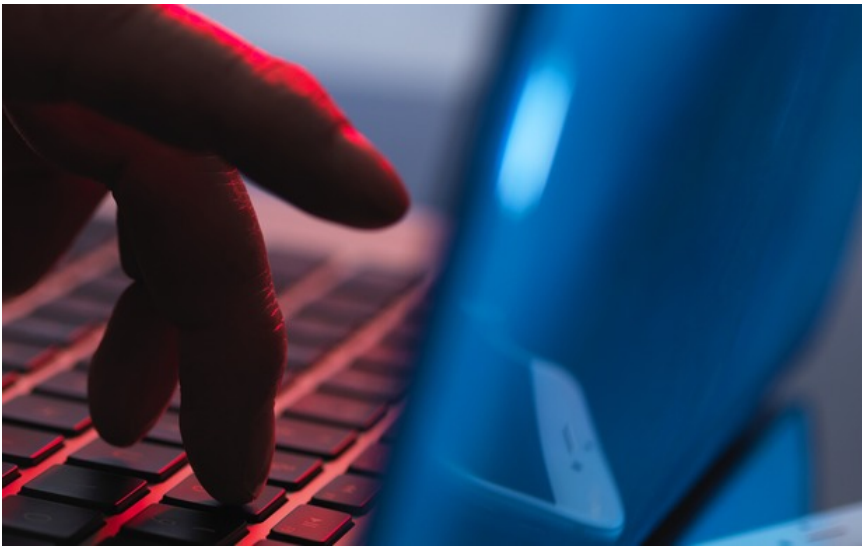
Institute for Security and Crime Science senior lecturer Joe Burton discusses the old and the new in deterring cyber attacks. [Read More](#)



The Government is extending the deadlines for feedback on the proposed Cyber Security Strategy and Action Plan to September. [Read More.](#)



An Auckland researcher is seeking the assistance of 1000 New Zealand internet users as part of a project to understand the nature of human risk factors in the world of cyber security. [Read More](#)



The Government Communications Security Bureau will extend its Malware-Free Networks cyber defence initiative following the successful pilot the GCSB carried out with Vodafone and some its customers.

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New Zealand Cyber Security Challenge 2018



Victoria University PhD student Abigail Koay is taking up the New Zealand Cyber Security Challenge for the first time this year. She talks about why she joined the competition, the challenges she is facing in Round 0, working in a male-dominated field and her tips for keeping cyber safe.

"I like to solve puzzles as a hobby. That's why I find security challenges interesting. While solving the challenges, I get to learn the techniques an intruder can use to perform malicious activities or steal data from the server or a website," she says.

[Read More](#)



NZ Cyber Security Challenge sponsor Endace started life as a University of Waikato research project in 2001 with the development of the [DAG™ Data Capture Card](#).

Endace VP marketing manager Mark Evans says the company believes in fostering cyber security talent in New Zealand.

"There's a global shortage of well-trained cyber professionals which makes it hard for Kiwi companies to find the skills they need to protect their networks from cyber threats. The more people we train, as a country, the more we stand a chance of helping Kiwi companies to protect themselves from attack."

Endace have hired a number of students out of the University of Waikato as both interns and as full-time staff, and a number of long-serving Endace staff, including CTO Dr Stephen Donnelly and Dr Andreas Löf studied at the university.

"This will be the first year Endace staff will be competing in the Challenge and taking part in cyber challenges like this one is extremely useful in understanding the challenges faced by cyber security professionals on a day-to-day basis. That helps us to inform our product design and design and build even better solutions for cybersecurity."



Head to the New Zealand Cyber Security Challenge on Friday, July 13 from 11am- 4pm at the University of Waikato L Block foyer for the job fair and check out the latest in IT and cyber security career opportunities.

All welcome - you don't need to be taking the challenge to visit.

Talk to the following businesses about what they have to offer.

Emulex Endace Datacom ASB InternetNZ Insomnia Security

ZX Security NZ Police Deloitte

Aura Information Security Quantum Security

Defence Technology Agency (DTA) Gallagher

Don't miss the drone challenge later that day starting at 1pm at L.G.04.

[University Map](#)

For more information contact info@crow.org.nz



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