

Experience

Senior Information Security Analyst – AusCERT

Nov 2017 → Current

python, bash, git, jenkins

Information security analysis, customer advice, data processing and automation.

Software developer – IBM Security

Feb 2016 → Aug 2017

java, python, ios, android, github, junit, rest, docker, swift

Software developer working with IBM Security Access Manager.

- Python automation (REST API with Requests), Flask applications for Docker.
- iOS and Android development & testing: app and SDK. (Swift, XCTest, XCTUI, Java, JUnit, Espresso)
- Local expert for Git & GitHub use, best practices, migrations, etc. Maintainer of the IBM Security organisation on GitHub.
- Projects implementing and documenting the configuration of ISAM for specific applications.
- Consumer of Jenkins & Ansible systems.

Systems programmer – University of Queensland

Jul 2015 → Jan 2016

sysadmin, unix, radius, elasticsearch, ldap, freeradius

Core Infrastructure Services team.

- Worked closely to position RADIUS as the first service to stream logs to UQ's ELK stack. This enabled new data analysis and paved the way for other services.
- Independently drove a roaming improvement for our eduroam users. Spotted common client configuration issues in ELK, handled fix & communications.

Thesis (undergraduate) – UQ ITS

Dec 2014 → Feb 2015

networking, cisco, vpn

Investigated Dynamic Access Policies as a possible addition to access control on the university's VPN system. Created a proof of concept demonstrating this and a document discussing the organisational perspectives.

Data entry – Ambre Energy

Dec 2012 → Feb 2014

python, sql, autohotkey, acrobat, ms-access, data-munging

Data retrieval and manipulation in SQL and Python to improve existing processes. Automated the main data-entry workflows with AutoHotkey.

Education

BSc in Computer Science – University of Queensland

2012 → 2015

Apps & Software

Personal website – <https://lord.geek.nz>

2013

nginx, javascript, html5, css3, processing.js, unix

Self-hosted static website with experiments in web development.

Others

linux.conf.au – Conference

Jan 2018

Attended the annual Linux conference in Sydney. Spent five days at presentations and making connections, learning from some of the top open-source speakers in Australia & New Zealand.

Later replayed several talks on security at AusCERT.

Business Acumen Simulation – Training

Mar 2017

linux.conf.au – Conference

Jan 2017

Later replayed two talks on security at IBM.