

# CORY CROMBIE

**Phone:** [0437 051 545](tel:0437051545) • **Email:** [crombie@korraone.com](mailto:crombie@korraone.com) •

**GitHub:** [KORRAONE](#)

Portfolio: [korraone.com](http://korraone.com)

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## PROFESSIONAL SUMMARY

Computer Science graduate with experience across software, systems, and small-business infrastructure. I enjoy building reliable tools, understanding how systems behave, and solving practical problems with clear reasoning. My background mixes backend development, Linux environments, and hands-on IT work, giving me a broad foundation for engineering roles.

## PROFESSIONAL EXPERIENCE

### IT Systems & Network Technician – Bunbury Hire & Sales

Mar 2026 – Present

Initial deployment + occasional support

- Procured, installed, and configured full office IT infrastructure including server rack, UPS, NVR, switching, and structured cabling.
- Deployed a multi-camera security system with remote access and NVR integration.
- Set up reception and office desktops, dual-monitor workstations, and required business software.
- Delivered the initial infrastructure rollout in Mar–Apr 2026, now providing ad-hoc support as needed.

### Business Website Developer – Bunbury Hire & Sales

Apr 2026

- Designed and developed a responsive, lightweight business website showcasing equipment listings and contact pathways.
- Built with modular, DRY templates and accessibility-focused layout decisions.

- Implemented stable cross-device UX and integrated contact workflows.
- Delivered as a standalone project with occasional updates as requested.

### **Volunteer Bird Surveyor – BirdLife Australia**

12 Apr 2026

- Conducted a two-hour roost survey for black-cockatoos as part of BirdLife's Great Cocky Count.
- Recorded species, flock size, arrival direction, behaviour, and roosting patterns following scientific protocols.
- Submitted structured data, diagrams, and photographic evidence to support ecological monitoring.
- Contributed to long-term conservation datasets for population trend analysis in south-west WA.

#### **SOFTWARE ENGINEERING EXPERIENCE**

### **Software Developer (Capstone Project)**

2025

- Developed a standalone Windows desktop application using C#/.NET to gamify requirements elicitation.
- Integrated AI personas using locally hosted Gemma3 models via HTTP API with future-proofing via .gguf model swapping.
- Delivered packaged example scenarios and full documentation.

### **Software Test Engineer (Academic Project)**

2025

- Designed and implemented unit and integration tests for a brownfield Python event booking system using PyTest.
- Applied black-box (EP, BVA) and white-box (CFG, branch/edge coverage) testing techniques.

- Produced full test documentation including plans, defect reports, and execution logs.

## **Distributed System Developer (Academic Project)**

2025

- Built a tax refund estimator using a three-tier architecture communicating via RMI.
- Implemented unit tests ensuring accuracy and data integrity.
- Documented setup, usage, testing, and multi-machine deployment.

### **ADDITIONAL ACADEMIC EXPERIENCE**

- IoT Systems Design: researched global water management technologies and proposed an IoT-driven smart-meter solution.
- Cybersecurity Analysis: investigated ALPHV/BlackCat ransomware and assessed hospital cybersecurity posture.

### **EDUCATION**

## **Bachelor of Computer Science (Software Engineering)**

2023–2025

Edith Cowan University

Electives: Intro to Statistics, Astronomy — expanding mathematical and physics applications beyond core CS.

## **High School Diploma – Bunbury Catholic College**

Class of 2020