



LYDIA COX

SOFTWARE ENGINEER

✉ coxlydia01@gmail.com
☎ 0401 969 240
🌐 lydiacox.github.io
🌐 linkedin.com/in/lydiacox01
🔄 github.com/lydiacox

TECH SKILLS

- Python
- Amazon Web Services
- Docker
- Kubernetes
- Terraform
- PostgreSQL
- GitHub
- Automated testing
- Back-End Development



CAREER OVERVIEW

Embarking on my new career as a Software Engineer, I will be leveraging my technical knowledge, natural communication style and decade-plus experience in financial services to be an effective and highly adaptive team member.

ACADEMIC BACKGROUND

Coder Academy

Diploma of IT | 2021-2022

- Undertook the Code, Cloud & Cyber Security course.
- Developed portfolio website using HTML, CSS and GitHub.
- Wrote time-saving Bash scripts.
- Maintained clear documentation throughout all projects.
- Averaged HD marks across assignments.

PROJECTS

Pilot Logbook

For my first ever full-stack application, I decided to go big rather than go home, creating, in just a few short weeks, an application for pilots to log their flight hours. This necessitated a rather extensive PostgreSQL database, SQLAlchemy ORM to protect against SQL injection attacks and Flask-Login to implement a secure authorisation system.

A work in progress, owing in no small part to the sheer number of fields in the database, my next step is to host this on the cloud, which I hope will happen by the time you read this!

- Flask
- Python
- Jinja
- PostgreSQL

Wizardsing Books algorithm

Another first for me, an algorithm for selling "Wizardsing Books" over a network, calculating discounted prices for bulk orders. A terminal application using only Python standard libraries, this demonstrated my use of classes and functions, careful documentation with docstrings and two-way communication between servers over a network.

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KEY COMPETENCIES

- Self-motivated
- Adaptable
- Detail-oriented
- Highly organised
- Excellent written and verbal communicator
- Thrives in a team environment
- Results-oriented problem solver
- Quick learner, accepting of constructive feedback
- Empathetic
- Experienced presenter

WORK SUMMARY

Communications Coordinator

REI Super | 2011 - 2021

- Orchestrated effective email, print and social media campaigns to 35,000 members and 7,000 employers.
- Securely managed an extensive database of highly confidential information.
- Collaborated with a range of service providers and stakeholders.
- Recruited, interviewed and profiled members and employers for marketing case studies.

Executive Assistant

REI Super | 2008 to 2011

- Spearheaded the transition from hard copy board papers to soft copy.
- Maximised CEO's time management capabilities.
- Oversaw diary management and travel arrangements for fund executives.
- Resolved IT issues either directly or in consultation with service providers.
- Composed Fund Status Reports to the Directors.
- Improved central filing and archive system.

Property Manager

Doug Disher Real Estate | 2007-2008

- Managed a portfolio of over 120 properties.
- Yielded maximum investment returns for owners.
- Fostered trusting relationships with tenants and owners alike.
- Organised maintenance and repairs.

REFERENCES

Available upon request