

Oscar Coghlan

Software Developer

Passion-driven software developer with a solid foundation in coding and a strong commitment to delivering efficient and high-quality solutions to complex technical problems. I am currently seeking a position in software development that will give me the ability and responsibility to continue developing my skills. I am currently pursuing a Bachelor's degree in Software Engineering.

Education

2022 - 2024 (ongoing)

University of Canberra, ACT

Third year bachelor of Software Engineering
Average grade: 6.668 GPA - 88 WAM
Dean's Excellence Award 2022 Semester 1
Dean's Excellence Award 2022 Semester 2
Dean's Excellence Award 2023 Semester 1
Dean's Excellence Award 2023 Semester 2

2016 - 2021

Saint Francis Xavier College,

Graduated 85.85 ATAR.
Certificate 1 in Business (BSB10115).
Certificate 1 in Digital Technology (ICT10115).

Work Experience

05/2024 - present

Lab Technician - Dickson College

As a lab technician at Dickson College I work to facilitate student learning through experiment preparation, involving inventory management, procurement, and always being aware and following stringent safety guidelines when handling the chemicals that I am responsible for.

08/2023 - 04/2024

Learning Support Assistant - Cranleigh School

As a Learning Support Assistant at a special education school, I contributed to and assisted the teachers in creating an inclusive and calm learning environment. Through patient guidance and compassion, I assisted students with diverse needs, empowering them to overcome challenges and achieve academic milestones. I endeavored to create an atmosphere of growth and positive development.

Projects

<https://oscarc.dev/>

June - July 2023

automata-gl

C++ / opengl / make

An implementation of conway's game of life and other cellular automata. Project uses arrays, memory allocation, and multiple source files.

<https://github.com/pamo22/automata-gl>

March - May 2023

collisions-cpp

C++ / opengl / make

A simple particle physics simulator. Calculates interactions between particles given velocity and angle of collision.

<https://github.com/pamo22/collisions-cpp>

Contact

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Email
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Portfolio
<https://oscarc.dev/>

Github
<https://github.com/pamo22/>

Codeberg
<https://codeberg.org/pamo22/>

Skills

Programming

- C++
- C
- Java
- C#
- Python
- Lua
- Rust

Web Development & Site Administration

- CSS
- HTML
- JavaScript
- PHP
- NuxtJS
- SQL (MariaDB)
- Apache
- node.js
- SSL/TLS configuration

Computer Skills

- Github CLI
- Linux server administration
- Object Oriented Programming
- Word processors (MS word, Libreoffice writer)
- Spreadsheet software (MS excel, Libreoffice calc)
- Graphic design (Photoshop, Scribus, etc)

General Skills

- Collaborative
- Detail oriented
- Natural leader
- Adaptable
- Strong English language skills