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. Seeking a position in software development that will give me the ability and resposibility to continue developing my skills. I am currently pursuing a Batchelors degree in Software Engineering at the University of Canberra.

Contact

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Email
oscar.coghlan@gmail.com

Portfolio
oscarcoghlan.com

Github
github.com/oscarcoghlan

Education

Saint Francis Xavier College, ACT
2016-2021

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

University of Canberra, ACT
2022-2024 (ongoing)

2nd year Batchelor of Software Engineering.
Average grade: 6.67 GPA / 88 WAM.
Dean's Excellence Award (2022, semsesters 1 & 2).

Skills

Programming
- C++
- C
- Java
- C#
- Python

Web Development (Frontend)
- CSS
- HTML
- JavaScript

Web Development (Backend)
- PHP
- ReactJS
- SQL (MariaDB)
- Apache
- node.js
- SSL/TLS configuration

Misc
- Github CLI
- Linux server administration
- Object Oriented Programming

Projects   oscarcoghlan.com

June - July 2023
automata-gl
c++ / opengl
An implementation of conway's game of life and other cellular automata. Project uses arrays, memory allocation, and multiple source files.
View project on GitHub

March - May 2023
collisions-cpp
c++ / opengl
A simple particle physics simulator. Calculates interactions between particles given velocity and angle of collision.
View project on GitHub

May - July 2023
c-chess
c++
A chess game implemented in c++
View project on GitHub

Febuary 2023
Java-snake
Java
A snake game implemented in Java.
View project on GitHub

October - November 2022
website-forum
html / css / php / sql / mariadb
A forum website proof of concept using PHP with mysqli to communicate with a MariaDB server.
View project on GitHub | View live demo

Experience

2022
St Vincent de Paul Society
Voluneer work - logistics / community outreach
Doing volunteer work with the St Vincent de Paul society has allowed me to come into contact with a diverse range of people and perspectives.

ongoing
Gardening & general labour
Casual work
Hands on experience with the process of taking a space and transforming it into something beautiful has given me an eye for detail and a strong work ethic.