

Birmingham, UK

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Robert Shepherd

I am a very passionate programmer, I love to learn new things and create things that are useful. I have had a lot of experience in many different fields with my most proficient field being C++

Skills:

Languages: C++, Python, HTML

CSS JavaScript, Java, Dart

Technologies: Metaprogramming,
Machine Learning, Deep Learning,
App Development, Web
Development

Libraries: Tensorflow, Boost,
Bootstrap, Electron JS, React,
Flutter

Work Experience:

Freelancer on Fiverr (2022-Present)

Courses Taken:

- Google Machine Learning
Crash Course
- 2024 Web development
bootcamp (udemy)
- Flutter course (udemy)

Projects:

Mlib (metaprogramming library)

C++ 20

I wrote a C++ metaprogramming library that I have open-sourced on github: github.com/robertshepherdcpp/mlib, which has many features that are already present in other metaprogramming alternatives, with several additions like compile time string parsing using C++20. It has achieved 46 stars on Github.

Flashcard app

ImGui

I made a flashcard app with ImGui using C++20 where users can add, remove, test and check statistics about their flashcards. This is also open-sourced on github: github.com/robertshepherdcpp/imgui_examples

Games

SFML

I have made several games using C++ and SFML, examples include: chess, snake, minesweeper, space invaders, flappy bird, tetris and draughts. Quite a lot of these are also open sourced on my github.

Startup

Electron js

I have made a startup which is a simpler interface for the elderly, it can be seen at simplinc.myshopify.com. It is basically just a simpler of windows, with a research based design. I made this using HTML, CSS, JavaScript and Electron JS.

Ont (programming language)

C++20

I have made my own parsed language: ont where the ont code gets parsed into C++ code which can then be ran, this is also available on my github: github.com/robertshepherdcpp/ont.

