YOUSSEF YAMMINE
SOFTWARE ENGINEERING STUDENT

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Profile

Currently in the 5th year of a software engineering degree.

Hardworking, receptive person with an unmatched passion for computer science, math, code and design.

Enjoys critical thinking, problem solving creating software and building projects.

Fluent in English and Arabic, proficient in French.

Skills

Programming Languages:
  – C/C++
  – Python
  – Java
  – Kotlin

Competitive Programming:
  – Solved 50+ ProjectEuler problems (Level 2 Account).
  – Solved 60+ CodeForces problems with a diffcultly of 1000 or above.
  – Competitor in the LCPC 2022 (Lebanese Collegiate Programming Competition).

Other Skills:
  – Git/Github Experience
  – (Qt) App Development
  – (React) Web Development
  – (Android Studio) Mobile App Dev.
  – AI / Machine Learning Application
  – Photoshop Expertise
  – Video Editing Expertise

Experience

C++ & Java – 2 Years of Experience

  – Data Structures & Algorithms (STL).
  – Advanced OOP, Inheritance, Polymorphism.
  – Operator Overloading, Templates, Design Patterns.
  – Move Semantics, Smart Pointers, Threading.
  – Desktop Application Development (Qt).

Python – 4 Years of Experience

  – Terminal & File manipulation (OS Module).
  – Advanced API Management (Requests Module).
  – Desktop Application Development (Tkinter).
  – Bot Automation & Web Scraping.
  – Projects on Page 2.

1 Year in Freelancing

  – Developing Automation Bots for Data Entry.
  – Developing QA Web Testing Tools.
  – Developing GUI Testing Frameworks.
  – Developing Auto-Clickers & Web Scrapers.
  – Writing PC-Monitoring Scripts.

Education

University of Saint Joseph (USJ).
Mansourieh, Beirut, Lebanon.
5th year in software engineering.
Expected to graduate in 2024.

Relevant Courses Taken:
  – Object Oriented Programming
  – Software Design Patterns
  – Data Structures & Algorithms
  – Functional Programming

CODING PROJECTS
YOUSSEF YAMMINE

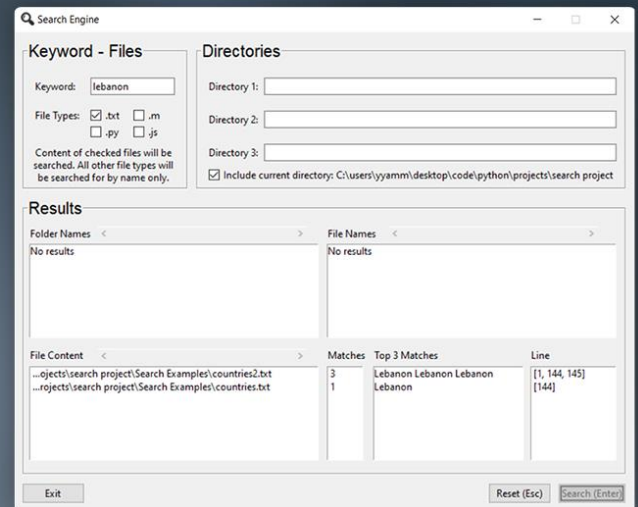SpotifyController   MiniSearchEngine   C++ Non-STDL

Mini Search Engine

A windows application capable of searching inside given directories for files, folders and file contents.

Has advanced error handling, keybinds for shortcuts and scrollbars for large output results.

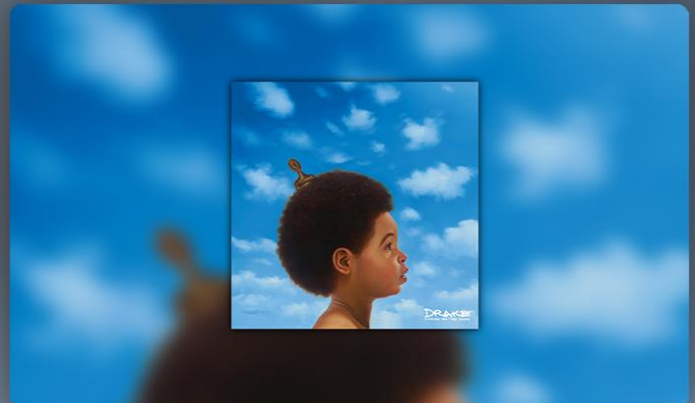Made with python using Tkinter and OS modules.

Spotify Controller

Minimalistic window that connects to the spotify API. Shows current playing track aesthetically in fullscreen, allows multiple connections across devices with the same spotify account.
Has keybinds for playback control, mutes ads for non-premium spotify users.

Made with python using Tkinter, OS and requests modules.

Non-Standard Library

A C++ re-implementation of every single standard library data structure & algorithm.

A project that puts into practice almost every programming paradigm and industry best-practice:
from the most basic data structures, to design patterns and move semantics.

Includes proper documentation for the written code and unit tests for each CPP file.