Matthew Toal

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Software Engineer

PROJECTS

Encryption/Decryption - Rust

Created a project with Rust language that takes a user's password and encrypts and decrypts it and allows the ability to view the encryption via terminal.

Formula 1 - SwiftUI/Swift

Created a Formula 1 app for iOS that allows you to read about the drivers of each team as well as the tracks that they race on. Currently in development.

Weather App - SwiftUI/Swift

This iOS app takes your location by latitude and longitude and use location services of your iPhone and connects to a REST API and sends you the current weather for the day of your location.

Sushi Restaurant - SwiftUI/Swift

Created an iOS application for a top sushi restaurant. It provides a menu and also a gallery of all their dishes.

Data Structures - C++

Created data structures from scratch using C++.

WORK EXPERIENCE

CISC LLC

Information Technology Specialist
- Used C to implement a one button design to help employees of a manufacturing business call their superior while he was out of the office on personal business.
- Maintained Linux and Windows servers and systems to keep networks fully operational.
- Explained security measures in simple terminology to help users identify and understand malware and phishing threats.

EDUCATION

Computer Science

Missouri University Of Science And Technology • Rolla, Missouri • GPA: 3.877/4.0 • Dec 2024

SKILLS & INTERESTS

Data Science, Data Structure, Databases and File Structures, Embedded System, GitHub, iOS, JavaScript, Linux, Mobile Application, Object Oriented Programming, Project Management, Python, SQL, SwiftUI/Swift, Windows Server, AI Engineer, Cybersecurity, iOS Mobile Development, JavaScript Frameworks, Software Engineering, Web Development