

Elaine Lyons

iOS Developer

Contact

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[GitHub](#)

[LinkedIn](#)

[App Store](#)

<https://lyons.app/>

Skills

- Swift
- Xcode
- SwiftUI
- UIKit
- Core Data
- Git
- macOS
- Linux
- Python
- Pascal

Education

LAMBDA SCHOOL

iOS Development
Sep 2019 – May 2020

Completed a 9-month, full-time iOS development and computer science program remotely.

UTAH STATE UNIVERSITY

Associate of Science
Aug 2017 – May 2019

Related Courses

- Digital Circuits
- Electrical Circuits
- Linear Algebra
- Computer Science I and II (C and C++)
- Technical Communication for Engineers

Projects

Tickmate 1-Bit Journal

Feb 2021 – Present

Tickmate allows you to track any daily occurrences. It is a 1-bit journal, meaning each day is either ticked or not.

- Built interactive interface using SwiftUI
- Integrated CloudKit with Core Data database for iCloud multi-device sync
- Implemented in-app purchase for premium features
- Created configurable widget using WidgetKit and Intents Extension

[App Store](#), [GitHub](#)

Character Tracker for Skyrim

Oct 2019 – Present

Character Tracker is an iOS app for keeping track of characters, content, and mods for Skyrim and other games.

- Built original hierarchical user interface using UIKit and Storyboard
- Integrated SwiftUI interface for updates
- Created relational database using Core Data with JSON import and export
- Developed Windows desktop app in Pascal and Python for loading game data into the mobile app through generated QR codes

[App Store](#), [GitHub \(iOS App\)](#), [GitHub \(Desktop Companion App\)](#)

Budget Blocks

Jan 2020 – Mar 2020

Budget Blocks is a personal finance app that brings the Envelope System to a user's smartphone so they can better manage their money and track their expenses.

- Team Project
- Sole developer of the iOS app
- Securely connected users' bank accounts using Plaid Link
- Synchronized data between local storage and remote database using URLSession and Core Data

[GitHub](#)

WebDAV Swift

October 2020 – Present

Swift library for easy communication with WebDAV servers (such as Nextcloud) with multi-level image and thumbnail caching.

- Created open-source communication library with documentation
- Wrote thorough unit tests

[GitHub](#)

Employment

FREDRICO'S PIZZA – LOGAN, UT

Shift Supervisor

May 2018 – Aug 2018

- Supervised 5 to 8 restaurant employees
- Coordinated daily roles for employees
- Assisted customers with questions, requests, or issues
- Counted tills, made deposits, and verified credit card transactions
- Closed and locked up restaurant at end of night shifts

Cook

May 2017 – May 2018

- Took customer orders and operated cash register
- Washed dishes and maintained cooking equipment
- Sanitized floors and equipment for closing