

Matthew Linder

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Experience

Swampfox Technologies - Software Engineer Intern

May 2024 - Present

- Created a command line tool to convert Avaya Orchestration Designer projects into an internal format which primarily consisted of translating Java to JEXL and SCXML to JSON
- Built a full stack web application using Java Spring Boot, React.js, and PostgreSQL to process SIP messages and present them as sequence diagrams to frontend users
- Merged several features to existing React.js and Java Spring Boot applications in production environments

University of South Carolina - Undergraduate Asst for the Department of SAAS

Mar 2024 - May 2024

- Designed and implemented numerous personal websites for students
- Developed embedded web applications for the Monday.com platform in collaboration with student entrepreneurs mainly using React.js, Golang, and SQLite accruing over 200 active monthly users

Village of Fredonia - Freelance Web Developer

Nov 2022 - Mar 2023

- Developed a web application for the Village of Fredonia to simplify the community's public pavilion reservation process using Next.js and PostgreSQL
- Collaborated with a third party vendor to integrate the Village's pre-existing payment software with the new application

Education

University of South Carolina, College of Engineering and Computing

Bachelor of Science in Computer Science, Psychology Minor

Aug 2022 - Expected May 2025

Capstone Scholar, Engineering Living and Learning Community Member

Major GPA: 3.96/4.00 | President's List: Spring 2022, Fall 2023

Technical Skills

Frontend: HTML, CSS, JavaScript, TypeScript, React.js, React Native, SwiftUI

Backend: Node.js, Python, Java, C++

Other: SQLite, PostgreSQL, MySQL, MongoDB, Git, Unix/Linux, Agile, Docker

Projects

Lift Logs | [Repository](#)

- Description - iOS app aimed at helping those new to lifting weights design a plan and track their progress
- Key Features
 - Stores all user data locally in an SQLite file allowing for an offline experience
 - Queries an HTTP endpoint which serves a list of over 200 exercises in JSON format, enabling amendments to the list without requiring users to update the app

Word Catching Journal | [Live App](#) | [Web Repository](#) | [iOS Repository](#)

- Description - Social media platform designed to help users expand their vocabularies together
- Key Features
 - Uses an Express server and SQLite through Turso to manage and store data
 - Serves React client over REST API hosted on Vercel