

# Ken Steckler

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[www.linkedin.com/in/ken-steckler](https://www.linkedin.com/in/ken-steckler) • <https://github.com/ken-steckler> • <https://kensteckler.herokuapp.com/>

## EDUCATION

Oregon State University – Corvallis, WA

Expected Graduation June 2024

*Bachelor of Science in Computer Science*

Relevant coursework: Intro to Computer Science I/II, Discrete Mathematics, Data Structures, Web Development

University of Washington – Seattle, WA

Graduated June 2020

*Doctorate of Pharmacy & Bachelor of Science in Microbiology*

## PROJECTS

FÜÜD – iOS Mobile Application

<https://github.com/ken-steckler/restaurant>

- Won first place in the National Demo Day Codepath Hackathon in Fall 2022.
- Collaboratively worked with 4 other students through **GitHub** on an **iOS Mobile Application** using **Xcode** and **Swift**.
- Uses Yelp Fusion **API** to get restaurant data for users to swipe left and right to pick their favorite restaurants to store in a database through open-source backend framework, **Parse**.
- Integrates **KolodaView** for left/right swipe functionality of restaurants, **MapKit** to display the location of the restaurant in a separate detailed View Controller and **GeoDB API** to get the nearest user location.

QRchive – OSU Hackathon Fall 2022

<https://github.com/Raptor2k1/QRchive> | <https://qrchive-2ce99.web.app/>

- Successfully deployed a functioning web application that utilizes **vanilla JavaScript**, **HTML** and **CSS** in 3 days while collaborating in a team of 3 other developers through **GitHub**.
- Incorporated open-source minified library to scan QR codes using mobile or computer camera to capture **JSON data** for data retrieval and manipulation.
- Accountable for **frontend** functionality including CSS styles and HTML, as well as displaying results, as well as **backend** logic, including choosing an array data structure over a hash map to store JSON data.

Giftu – Gift Exchange App

<https://github.com/ken-steckler/wishlist> | <https://giftu-app.herokuapp.com>

- **Fullstack CRUD** web application utilizing **JavaScript** and **EJS** templating to keep track of a group's wish list.
- Uses **asynchronous JavaScript** and **Express middleware** when adding/editing/removing a group, gift or user and connects to **MongoDB Atlas** to store data.
- Implements user authentication with **PassportJS** and **Node.js** to allow users to securely login with their username or password and view and interact with groups that the user is invited to.

## SKILLS

**Languages:** Python, JavaScript, SQL, Swift

**Tools and Frameworks:** React, Node, GitHub, Xcode, VSCode, PyCharm

**Certification:** CodePath Certification in iOS Development (August 2022 – November 2022), 1<sup>st</sup> Place National Demo Day

## WORK EXPERIENCE

Undergraduate Learning Assistant for CS161 at Oregon State University

June 2022 - Current

- Lead weekly office hours for computer science students to help with understanding projects and concepts such as object-oriented programming/design, data structures, and iteration in Python.
- Mentor over 30 students to help assist in understanding core concepts in computer science.
- Collaborate with TA's and instructors to ensure timely completion of grading/code reviews of over 300 students.

Staff Pharmacist at Rxpress Pharmacist

August 2021 - Current

- Lead a team of pharmacy technicians and assistants and verify order entry, labeling and drug products for content and accuracy in a fast-paced, collaborative environment.
- Created Python programs, such as a Duplicate Patient Checker, to help improve pharmacy workflow (Link: <https://github.com/ken-steckler/duplicate-patient-checker>).
- Responsible for creating and maintaining the company website with custom HTML and CSS using IONOS CMS and use SEO optimization techniques to increase impressions and visits (Link: <https://www.rxpress-pharmacy.com/>).