



Nolan G. Dyke

Web Developer

www.nolanddyke.com

Software engineer excited about advancing my skills as a developer while making a career change. With experience working in a biochemistry lab, I have a love of learning and through software engineering, I have found a way to use my researching and decision making skills to build responsive software with the ability to make a meaningful impact.

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EMPLOYMENT HISTORY

Pharmacy Technician **King Soopers**
Parker, CO
Mar 2019 - Jan 2020

- Worked with doctors, patients, and pharmacists to accurately prepare and dispense prescriptions
- Navigated pharmacy software to solve customer problems in person and over the phone

English Teacher **EF English First**
Beijing, China
Mar 2018 - Dec 2018

- Developed and taught English as a second language curriculum to improve students' conversational abilities
- Coordinated communication between students and school administration to create an effective and culturally sensitive learning environment
- Created monthly academic status reports based on in-depth student evaluations

Research Assistant **University of Colorado**
Boulder, CO
Jan 2015 - May 2017

- Generated data contributing to work of biology laboratories at CU Boulder
- Designed and performed biological experiments and research and documented all findings
- Summarized research results by preparing written reports, presentations, fact sheets, and tables

TECHNICAL SKILLS

Active Record	HTML/CSS	React JS
bCrypt	JavaScript	Redux
Django	JSON	Ruby
Firebase	Postgres	Sass
Gatsby JS	Postman	SQLite3
Git	Python	
Heroku	Rails	

TECHNICAL PROJECTS

Phono Mandarin [Live](#) | [Demo](#)
[FrontEnd](#) | [BackEnd](#)

Mandarin pronunciation verifier. Make sure that when you mean pen in Chinese, you really say pen in Chinese.

- Utilized Mozilla's Web Speech API to implement Mandarin Chinese voice recognition.
- Implemented user interface employing ReactJS to provide instant feedback on accuracy of Chinese pronunciation.
- Employed a Django backend to create fully authenticated user profiles.

Rescue Dog Matcher [GitHub](#)
[Demo](#)

Find your next furry friend. All of Colorado's pups in need of adoption are displayed in one convenient place.

- Utilized ReactJS to create a user interface that displayed, filtered, and linked dog profiles from multiple existing sites.
- Employed JWT and JSON Web Tokens and localStorage to store encrypted user information client-side.
- Implemented Rails backend to store user profiles and saved dog profiles.

Knits Generator [Demo](#)
[FrontEnd](#) | [BackEnd](#)

One size fits all no more. Get a unique knitting pattern generated to fit your exact measurements.

- Utilized vanilla JavaScript to create a single page application with the ability to create unique line-by-line knitting patterns to exact specifications.
- Implemented HTML/CSS to create an optimized user interface.
- Implemented a Rails backend to authenticate users and save generated patterns.

EDUCATION

-  **Flatiron School**
July 2020
Software Engineering
Denver, CO
-  **University of Colorado**
May 2017
Biochemistry
Boulder, CO