

ESTHER SANDERS

SOFTWARE DEVELOPER

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SKILLS

Frontend HTML | CSS | Javascript | React | Material UI | Grommet UI

Backend Python | Django | SQLite3 | RESTful APIS

Tools Git | GitHub | dbdiagram | Visual Studio Code | Figma | Cloudinary | Postman

PROJECTS

Listen (React, Javascript, Python, Django, CSS, SQLite, Grommet UI)

[Backend](#) | [Frontend](#)

Full-stack application for musicians to record their practice sessions and set goals

- Built RESTful API using Python with Django's ORM
- Designed query parameters, custom actions, and non mapped properties to create a performant application
- Enabled users to record and save audio files with react-media-recorder and Cloudinary
- Used Grommet UI for a clean and smooth interface

BetterMe (React, Javascript, CSS, reactstrap, MaterialUI)

[GitHub](#)

Frontend application for users to track and monitor habit progress

- Used React hooks and CSS to dynamically render color coded boxes representing habit progress
- Created database using JSON server
- Utilized React to create a single page responsive web application with full CRUD functionality

Group Project: Rare (React, JavaScript, Python, Django, CSS, SQLite, Grommet UI)

[Backend](#) | [Frontend](#)

Full-stack social application for users to post and view articles

- Project management with issue tickets and GitHub Projects
- SCRUM framework to manage individual responsibilities and effective communication during sprints
- Created full authentication capabilities allowing admin users to control what "authors"(all other users) publish
- Database planning by building entity relationship diagrams (ERD) to define relationships

Group Project: Nutshell (JavaScript, CSS, HTML)

[GitHub](#)

Frontend social application for users to use to organize their daily tasks, events, news articles, and interact with other users

- Employed event listeners in vanilla JavaScript to dynamically populate the DOM

EXPERIENCE

Nashville Symphony / Section Violin January 2012 - PRESENT

- Learn and perform new repertoire every week while quickly adapting to changes by listening and adjusting to colleagues in real time

Lipscomb University / Violin Instructor August 2020 - PRESENT

- Teaching individual private lessons to music majors
- Empowering students to be their own teacher by cultivating sharper listening skills to identify problems, then facilitating an awareness of how to solve problems through small steps

Musician/ Teacher 2010-PRESENT

- Performed with many small and large ensembles as a section member (Austin Symphony, The Glimmerglass Festival) and as a leader (Austin Opera)
- Taught at four colleges- Texas Lutheran University, Concordia University, Austin Community College, Lipscomb University. Responsible for grades, repertoire choices, collaborating with other faculty, leading group classes with students at a wide variety of proficiency levels
- Maintained a private violin studio of 20-30 students of all ages and levels. Responsibilities included scheduling, lesson planning, creating payment plans, implementing a studio policy to set expectations for students and parents, organizing student recitals at the end of each semester

EDUCATION

Nashville Software School / Full Stack Software Development July 2020-January 2021

The University of Texas at Austin / Master of Music, Violin Performance

Vanderbilt University / Bachelor of Music, Violin Performance