

Tim Bedford

(301) 741-5514 tmbdfd@gmail.com [Portfolio](#) [LinkedIn](#) [AngelList](#) [Github](#) Washington, DC

Skills

Python, JavaScript, C, React, Redux, HTML, CSS, Clojure, ClojureScript, Ruby, Ruby on Rails, RSpec, Idris, Flask, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Docker, AWS, JSON, p5.js

Projects

TremoloNimbus (JavaScript, React / Redux, Ruby / Rails, HTML, SCSS, PostgreSQL)

[Live Site](#) | [Github](#)

A clone of music sharing site SoundCloud

- Kept audio and players in sync across the application through careful management of state
- Developed a RESTful API for streamlined frontend-backend communication.

MenuTube (JavaScript, React / Redux, HTML5, CSS, MongoDB, Express.js, Node.js)

[Live Site](#) | [Github](#)

A social web app for finding and sharing cooking videos

- Served as team lead over the course of development.
- Led daily stand up meetings to guide development and keep team on schedule.
- Implemented various features across frontend and backend including video interaction, post editing, and timed recipe instructions.

DJ (JavaScript, WebAudio, HTML5, SCSS)

[Live Site](#) | [Github](#)

An interactive DJ frontend app

- Created a realistic DJ UI with responsive controls.
- Utilized modern WebAudio techniques and best practices.

Experience

Freelance

Web Developer

April 2019

- Commissioned by a musician to develop a project for their album launch.
- Used JavaScript in conjunction with the p5.js library to build a [lyric video website](#) that engages song's thematic content with interactive game-like sequences.
- Deployed website on schedule for album release.

Hyattsville Elementary School

Classroom Assistant

Feb 2019 - June 2019

- Taught three kindergarten students with learning and behavioral disabilities.
- Assisted all students in classroom with daily activities and conflict mediation.
- Improved students' reading ability and sociability over the course of employment.

Hallmark Cards

Installation Merchandiser

March 2018 - June 2019

- Installed fixtures in stores all across the DC metropolitan area.
- Part of a fast moving team that often had to handle changing objectives over the course of an installation.

Education

App Academy

August 2020 - December 2020

Immersive software development course with focus on full stack web development.

Marlboro College*Bachelor's in Music*

Aug 2014 - May 2017

Took classes in introductory computer science, formal logic, algorithms, and artificial intelligence. Developed interactive computer music software, written in Python, Max/MSP, and Csound, with the OpenSoundControl networking protocol, as part of final year long thesis.