

Projects

YoutubeMusicLib ([GitHub](#) / [Live](#))

App that lets users play music on YouTube and save a library of listens. The end goal of the project is to implement a recommender algorithm that takes user-provided data, YouTube metadata, and further data pulled from the Last.fm API.

Markdown Preview ([GitHub](#))

Tool to interpret markdown and output HTML. Takes markdown text input and uses a context-free grammar system in the parser to generate an AST, which is used to write HTML output.

Woog ([GitHub](#))

Browser-based synthesizer. MIDI-controlled synth that uses the Javascript Web Audio API to structure an oscillator node system that emulates classic modular synthesizers (like the Polymoog). Currently supports polyphony, ADSR envelopes, convolution reverb, and LFO-controlled effects.

Expenses ([GitHub](#))

Simple expense-tracking Flask app that allows multiple users to track transactions and visualize trends, storing the data in a local Postgres database.

Work Experience

Publication Intern - [The Over the Mountain Journal](#) (2013-2014)

Biweekly newspaper with ~64,000 circulation. Worked with publication Wordpress and helped editorial staff expand web content and grow online presence. Interviewed, photographed, and wrote about local culture—ranging from local musicians to notable educators—for Feature pieces.
Contact: [Maury Wald](#), Publisher

Creative Writing Editor - [Wide Angle: A Journal of Literature and Film](#) (2013-2014)

Web-based academic publication staffed by Samford University students and faculty. Created web layout for published pieces; vetted/edited fiction and poetry submissions; and developed in-house writing/formatting style guide, checking submissions against it. Designed and implemented strategy to exchange advertising spots with other journals.
Contact: [Dr. Geoffrey Wright](#), General Editor & Associate Professor

Communications Tutor - [Samford University Communication Resource Center](#) (2012-2014)

University-sponsored tutoring center for writing, reading, and speaking. Worked with students in one-on-one sessions to establish structure, style, grammar, and research skills. Additionally, helped ESL undergraduates grow their talent in both conversational and academic writing.
Contact: [Dr. Charlotte Brammer](#), Director & Associate Professor

Taylor Burgess

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Education

Samford University (2010-2014; Birmingham, AL)

B.A. English (Creative Writing), Summa Cum Laude (4.0 GPA)

Skills

HTML & CSS
JavaScript
jQuery
Postgres
MySQL
Python 3
Flask
Git

Other

Guitarist, Engineer, Promoter, Web Designer (Etc) - [Press](#) (2014-2016; Asheville, NC)

Six-piece independent rock band. After graduating college, decided to pursue music full-time. Toured ~15 states in the eastern US, playing over 100 shows promoting our albums. Played electric guitar while also producing, engineering, mixing and mastering our recordings; managed our social media; maintained our central website; designed and marketed merchandise; and managed outgoing communications from band members to promoters and music venues.