

Red Tilson

Full Stack Developer

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[LinkedIn](#)

[Github](#)

I am a tenacious problem solver seeking a job that calls for lateral thinking skills and careful attention to detail. Signal processing is my passion. After several years working with analog electronics professionally while studying software in my spare time—first as a hobby, now formally—I look forward to leaping into a full-time full-stack development position.

SOFTWARE DEVELOPMENT EXPERIENCE

Nashville Software School

Nashville, Tennessee, United States
June 2020 - Present

- React web app development with HTML, CSS, BEM, and Flexbox
- DOM manipulation with javascript, ES6 modules, and jQuery
- SQL, ERDs, Python, and JSON for CRUD functionality
- Project collaboration and version control with Github, Zoom, and Slack

PROJECTS

Selektor (Solo Project)

A space for users to upload, share, and find audio samples for music production. Users can add friends to rate and comment on their samples.

<https://github.com/ardisrtilson/selektor>

Samples4Singles (Solo Project)

A tinder-style application for rating and collecting audio samples. Users swipe right to add samples to their collection. Once approved, samples can be categorized by unique categories based on subjective data, such as the "relative loudness" or "average color value" of the sound, based on psychoacoustic survey responses from the user base.

<https://github.com/ardisrtilson/samplesforsingles>

Truncheons & Flagons (Group Project)

An interactive party game and scoreboard. Users can sort themselves into teams and track their progress in a fantasy-themed game of skill.

<https://github.com/NSS-Day-Cohort-42/trunch-bunch-truncheons-and-flagons>

RELATED EXPERIENCE

Impact! Pre-Loved Gear

Nashville, Tennessee, United States
Nov 2018 - Present

Position: Owner & Technician

Responsibilities: Find, build, repair, sell, and ship audio modules and synthesizers.

Relevant Skills Gained: Critical thinking, user-oriented design, troubleshooting, project planning, signal flow diagrams

EDUCATION

Nashville Software School

Nashville, Tennessee
Full Stack Software Development
Certificate, Computer Science
Aug. 2020-Feb. 2020

Middle Tennessee State University (MTSU)

Murfreesboro, Tennessee
Bachelor of Science, Sociology
Jan. 2009 - Dec. 2012

SKILLS & LANGUAGES

React

Django

Python

javascript

CSS

HTML

Agile Project Team Coordination

MEDIA, ENTERTAINMENT, & CUSTOMER SERVICE EXPERIENCE

Production Assistant, E! Networks. Nashville, TN
(May 2019 - Dec 2019)

Entertainer / Tour Guide, Grand Ole Opry. Nashville, TN
(May 2017 - Aug 2018)

Graduate Teaching Assistant / Project Archivist, Middle Tennessee State University. Murfreesboro, TN
(Jan. 2015 - Dec. 2016)

Ensemble Instructor, Youth Empowerment Through Arts & Humanities. Nashville, TN
(Jan. 2011 - Dec. 2015)