

Dan Benson

Full Stack Software Engineer

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Technical Skills

Languages: JavaScript | Python | TypeScript | SQL | HTML | CSS

Libraries/Frameworks/Tools: React | Node.js | Express.js | jQuery | Bootstrap | Flask | PostgreSQL | RESTful APIs | Jest | Jasmine | Sass

Experience

Software Engineer Intern - Rithm School | San Francisco, CA

November 2021

- Utilizing **Django** designed a feature for enhancing the searchability of the entire curriculum for Rithm alumni.
- Created a weekly reference guide providing easy access to course content, reference information and assessments.
- Utilizing **JavaScript** designed easily editable content for instructor management of course material.
- Utilizing **Sass** designed a layout for upcoming projects in a cohort including dates, times, and staff involvement.
- Designed/executed unit and integration tests to maintain 99% coverage.

Prep Manager - New England Conservatory Preparatory School | Boston, MA

2017-2019

- Provided production support for orchestral directors including rehearsal coordination, schedule management and attendance monitoring of preparatory student attendees.
- Designed layouts for instrumentation needed for each performance, and part assignments for a variety of ensembles.
- Responsible for maintaining course curriculum for preparatory student practice and performance.

Graduate Teaching Assistant - University of Illinois | Champaign-Urbana, IL

2015-2016

- Created a course curriculum and provided instruction to Undergraduate Students in Music Education.
- Provided private lessons to undergrads, minors, and jazz performance students on classical percussion.
- Accountability for maintenance for percussion instrument assets.

Percussion Instructor - Illinois Summer Youth Music | Champaign-Urbana, IL

2014-2017

- Acted as coach for students in rehearsal and during performances
- Presented masterclasses on percussion and provided exposure to different genres of music
- Assigned music and ensemble placement based on performance auditions to students ranging from 8-17 years old.

Projects

Warbler - Full stack microblogging site using HTML | CSS | Flask | RESTful API | PostgreSQL | [Demo](#) | [Github](#)

Jobly - Full stack mock job site using React | Node.js | Express.js | Bootstrap | RESTful API | PostgreSQL | [Demo](#) | [Github](#)

Sharebnb - Full stack mock household site using React | TypeScript | Flask | RESTful API | PostgreSQL | AWS S3 | [Demo](#) | [Github](#)

Education

Rithm School - San Francisco, CA

2021

Certificate of Study: Full Stack Software Engineering

University of Illinois at Urbana-Champaign - Urbana-Champaign, IL

2020

Doctoral Studies: Percussion Performance and Literature ABD

New England Conservatory of Music - Boston, MA

2019

Graduate Diploma: Percussion Performance

University of Illinois at Urbana-Champaign - Urbana-Champaign, IL

2015

Masters of Music: Percussion Performance and Literature

Illinois State University - Normal, IL

2013

Bachelor of Music in Performance: Percussion