

# Dan Benson

## Full Stack Software Engineer

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## Technical Skills

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

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

## Experience

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**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

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**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

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**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