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 | Jest | Jasmine | Sass

Experience

Software Engineer Intern - Rithm School | San Francisco, CA　　　　　**November 2021 - December 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.
- 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.
- Wrote 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 sharing site using React | TypeScript | Flask | RESTful API | PostgreSQL | AWS S3 | 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