RYAN BOLLETTINO

Chicago, IL ● 773.835.3131 ● ryan.bollettino@gmail.com ● Github ● Medium ● LinkedIn
FULL STACK SOFTWARE ENGINEER

QUALIFICATIONS PROFILE

Logical and creative puzzle solver that is loyal, energetic, and focused on excellence and self-improvement. Fully trained in object-oriented programming, with experience building full-stack applications using Ruby on Rails, JavaScript and React/Redux. Team player that encourages collaboration in order to gain multiple perspectives and improve my abilities to learn new code, procedures, and logical solutions. Possesses strong cross-functional skills learned in the workplace: educational non-profits, Fortune 500 branding companies, and 12+ years teaching and tutoring in math, that have enhanced my problem solving skills.

TECHNICAL SKILLS

Javascript(ES6), React, Redux, Thunk, Sinatra, Rails, Ruby, SQLite, Postgresql, Netlify, CSS, Git, HTML, VSC

APPLICATIONS & PROJECTS

∞ **BOARD HOARD**   Github || Demo
Board Game rating application that allows users to modify their personal collection of games, write reviews, & add new games to their collection. Includes a real time search engine and users can search games by rating.
- Seeded custom database from API, and uses Javascript/React/Redux with RESTful routing interface.
- Redux uses thunk middleware for asynchronous create/update/show routing.

∞ **SNL NOT READY FOR PRIME TIME DATABASE**   Github || Demo
Database used to house Saturday Night Live members and their various characters. Allows users to create new members as well as add characters to new and existing members. Includes ranking system for specific characters.
- Javascript application with RESTful routing through minimal seeded backend.
- Top5 Ranking system adapts to individual likes and renders in real time the highest vote-getters.

∞ **TUTORHUB**   Github || Demo
Scheduling application for tutors and students using Ruby on Rails. Users register as either a student or teacher, and can then find a tutor/tutee depending on users' needs and then schedule a tutoring session with that person.
- Used Google OAuth to create individual password-protected users.
- Tutors and students are able to create a visual schedule of tutoring sessions.

PROFESSIONAL EXPERIENCE

Humphrey Middle School - Bolingbrook, IL   July 2019 - present
HONORS MATHEMATICS TEACHER (8TH) / SCHOLASTIC BOWL COACH
- Strengthening creative thinking and problem solving skills using a small-group, discovery-based model to facilitate discussion and reasoning as it applies to Algebra.

George Washington High School - Chicago, IL   July 2013 – June 2019
MYP/IB MATHEMATICS TEACHER (10TH/11TH)
- Consistently raised SAT scores for 5 straight years using small-group, standards based learning that focused on necessary skills needed to succeed in future maths and standardized rubrics.

EDUCATION

FLATIRON SCHOOL: CERTIFICATION - FULL STACK SOFTWARE ENGINEER   January 2022

NATIONAL-LOUIS UNIVERSITY : M.A.T. SECONDARY EDUCATION - MATHEMATICS   June 2016

UNIVERSITY OF IOWA : B.A. LIBERAL ARTS : THEATER ARTS   May 1998