

Matthew Bronstein

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GitHub: <https://bit.ly/3EMbaSi> | LinkedIn: <https://bit.ly/3VfZqhZ> | Portfolio: <http://bit.ly/3XIFwxF>

WEB DEVELOPER

Professional full-stack web developer and software engineer with equal proficiency in and affinity for front-end and back-end development. Thrives in environments promoting critical thinking, problem-solving, and clear communication; committed to excellence and resilience through extensive training and experience as a professional classical musician; highly motivated to learn new skills and technologies within the ever-evolving tech world.

TECHNICAL SKILLS

Front-end: HTML, CSS, JavaScript, React JS, Handlebars, jQuery, Bootstrap, MVC structure, Version Control

Back-end: NodeJS, Express, MySQL/Sequelize, MongoDB/Mongoose, REST, GraphQL, PWA, Webpack

PROJECTS

Full Moon Manor - GitHub: <https://bit.ly/3AQYk3Y> | Live Link: <https://bit.ly/3Vhl1Xx>

A text-based, story-driven, interactive exploration game where users navigate through a haunted house.

- Utilized *Mongoose* and *GraphQL* to easily query story information from the MongoDB database
- Used *JSON Web Tokens* to authenticate users on login and signup
- Implemented *React JS* with the use of components, state hooks, props, and context providers

Couch Potato - GitHub: <https://bit.ly/3XxvuPY> | Live Link: <http://bit.ly/3VgLUdV>

A digital movie collection application that allows users to search for and save movies by name/genre.

- Secured user information using *express-session* and *MySQL/Sequelize*
- Used *Handlebars JS* as a templating engine to allow dynamic rendering of back-to-front JavaScript

Cocktail Concierge - GitHub: <https://bit.ly/3iiAdoy> | Live Link: <https://bit.ly/3VbhdXE>

A web application connecting users to a selection of cocktail recipes based on search input.

- Used *HTML* and vanilla front-end *JavaScript* and fetched data using *The Cocktail DB API*
- Stored user data in local storage allowing users to save their favorites in the browser

EXPERIENCE

Axiom Brass Quintet/ Brass Legacy

Chicago, IL

Quintet Musician / Publication Editor

2018 - 2022

- Musician - Organized/scheduled rehearsals and travel; relied upon to resolve interpersonal conflicts within the ensemble; required to take on both leadership and collaborative roles
- Publication Editor - Scheduled, organized, and edited a high-quality quarterly digital magazine distributed to thousands of students while meeting strict deadlines; created and maintained the subscription-based Wordpress website

Professional Orchestral Musician

International

Orchestral Musician - French Horn

2006 - 2022

- Learned and developed a language-based skill that focuses on pattern-matching, mathematics, and non-verbal communication; expected to evaluate outcomes of each performance/rehearsal/practice and learn from both successes and failures; trained to be highly adaptive and perform at an elite level in high-leverage situations regardless of changing variables or internal/external distractions

EDUCATION

Northwestern University / Trilogy Education Services / edX

Chicago, IL

Full Stack Web Development

11/2022

Roosevelt University - Chicago College of Performing Arts

Chicago, IL

Bachelor's Degree in Music - French Horn Performance