



ERIN N. BACON

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PROFESSIONAL CELLIST AND INNOVATOR TURNED SOFTWARE ENGINEER

Skills

* JavaScript * React * Express * Rails * Ruby * HTML5 * CSS3 * SASS * Bootstrap * Handlebars * GitHub
* Node * jQuery * AJAX * Mongoose * MongoDB * PostgreSQL * Moment * RESTful API * Atom

Featured Projects

Music Buddy

Developed a full stack application for musicians to CRUD pieces and performances.

- Back-end built using Express, Mongoose, and MongoDB.
- Front-end constructed with React, Bootstrap, Moment, and SASS.

Ruby-Red Salon

Full stack application for users to CRUD nail polishes and view color swatches.

- Back-end developed with PostgreSQL and Ruby on Rails.
- Front-end utilizes Handlebars, SASS, HTML5.

GA Hangouts

Collaborated with two other developers to build a full stack 'Meet Up' style event planner.

- Back-end developed with Express, Mongoose, and MongoDB.
- Front-end created with Handlebars and Sass.

Tic Tac Toe

Designed and built a front-end Tic Tac Toe game.

- Game logic implemented using JavaScript.
- Interacted with the third-party API using AJAX and jQuery.

Experience

General Assembly | **Software Engineering Immersive** | August – October 2019, Boston, MA

Completed a 12-week/500+ hour immersive course on full-stack software engineering using various modern programming languages and technologies.

- Designed, built, and deployed four web applications from scratch, three individual projects and one team-based project, using MVC frameworks.
- Built quality RESTful APIs and integrated data from third-party APIs.
- Used Git and GitHub for version control.

The Bacon School of Music | **Founder** | **Instructor** | **Consultant** | 2015-present, Cambridge, MA

Manage a private cello studio that incorporates weight training, Alexander Technique, yoga, meditation, and optimal technique for cello performance and physical care.

- Instruct and mentor students of a variety of ages and skill levels.
- Procure instruments for clients ranging from student level to professional instruments priced over \$250,000.
- Provide analysis and feedback to multiple Boston area violin shops concerning quality optimization.

SAIC | **Intern** | Summers 2009 and 2010, McLean, VA

Focused on terrorist risk analysis and correlated countermeasures to maximize security and minimize expenses.

- Developed algorithms and wrote macros that automated data processing.
- Tested software using VMware, virtual machines.
- Advised team on cyber security best practices and protocols to recommend to clients to improve data protection.

Education

Master of Music, The Longy School of Music of Bard College, Cambridge, MA

Graduate Performance Diploma, The Longy School of Music of Bard College, Cambridge, MA

Bachelor of Arts, *Magna cum Laude*, Major: Music, Minor: Mathematics, Syracuse University, Syracuse, NY

Conservatoire Nationale de Strasbourg, Strasbourg, France, January-May 2009

Graduated with Honors, Interlochen Arts Academy, Interlochen, MI

Interests

* French * Yoga * Weight Training * Ice Skating * Cooking * Baking * Puzzles * Coffee