

Brian Connor

Full Stack Developer



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in/unclebconnor

I am observant, reliable, and unbound by convention. I am focused on helping others leverage technology to simplify and streamline complex tasks, making room for deep work and human connection.

Project Highlights

Set Adapted the award winning card game to a responsive, single-page app for individual or group play.
HTML, CSS, Javascript, JQuery, Bootstrap

Tapas A customizable practice journal for musicians to document their routines and daily sessions. Users can build reusable chord progressions with associated scales and arpeggios that render on staves for reference while they practice.
Javascript, Node, Express, Sequelize, Materialize, Vexflow

Rainy Day A financial planning tool to monitor spending and provide positive reinforcement for building saving habits. Main contribution was "User Data" component - a summary of spending by category in charts that respond to date selections.
Javascript, JQuery, React, Mongo, Materialize, React-Vis, React-Dates

Costume Smash * UXI/WDI Hackathon Winner
A user can search for a character and results are sorted by body area, displayed in carousels. Selecting an image adds it to the corresponding body area of a mannequin.
Javascript, React, React-Owl-Carousel, Bootstrap

Body Map A tool for science teachers to provide reference pages for students studying human body systems. Teachers create annotation buttons (manually or auto-detected in text) that students can click to interact with a 3d human body model in an iframe.
Ruby on Rails, Javascript/JQuery, Bulma

Work Experience

Boston Day and Evening Academy 8/2007 – 7/2017

Salesforce administrator, CBE coach, Teacher, Technology Specialist

Co-developed and managed a custom Salesforce-based student information database*, co-developed the school's protocols and technology systems to meet student needs and streamline staff work, built online mathematics and technology courses for blended and fully online settings, taught high school mathematics and technology and acted as an advisor to a "high-risk" population of students, coached teachers and school leaders (US and international) on the implementation of school's Competency-Based Education model, supervised between five to twelve teachers per year, co-lead instructional leadership team, taught project-based units on nutrition, woodworking, and swimming

*continuing on a freelance basis as part of a Force for Change grant

21st Century Lessons 8/2011 – 2013

Lesson Designer/Technical Director

Designed complete, open-source geometry units with a team of mathematics teachers, managed download data and created protocols for efficient workflow, provided technical support including visual design and creation of animations

Skills:

Languages:

HTML/CSS, JavaScript, Ruby

Frameworks & Libraries:

React, Bootstrap, Materialize, jQuery, Express, Rails

Database:

MongoDB/Mongoose, PostgreSQL/Sequelize, Salesforce, Access

Other:

Node, Git, Heroku, Pro Tools, Photoshop, Excel

Education

Web Development Immersive General Assembly, Seattle 2017

Masters of Education

University of Massachusetts, 2007

Bachelor of Music

Production and Engineering
Berklee College of Music, 2004

Graduate Coursework

Harvard Extension School

Statistics

Linear Algebra

Other Coursework

Bunker Hill Community College

Intro to Computer Science (C++)

*Intro to Object Oriented

Programming (Java)

Database Design with MS Access