

David Wightman

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Technical Skills

HTML, CSS, JavaScript, React, Redux, Node.js, Express, jQuery, AJAX, JSON, GraphQL, Grunt, MongoDB, Backbone.js, Bootstrap, PostgreSQL, MySQL, SQLite, Ruby, Rails, Sinatra, Skeleton, PHP, Git, Github, Bitbucket, Heroku, DigitalOcean

Experience

Full Stack Developer

May 2017 – July 2017

sportsYou // Jericho, NY

- Converted backend database from MS SQL to MongoDB with GraphQL queries
- Prepared application for launch building on chat and email features
- Collaborated in a Scrum environment with daily standups and Bitbucket for version control

Full Stack Developer

April 2016 – May 2017

Pink Stone Incubator // New York, NY

- Built a beta version of a children's educational web-based app using Node.js and Express
- Built a donation application for a charity using Node.js, Twilio, and Firebase
- Archived, organized, and maintained previous projects and code

Web Developer | Web Development Immersive

June 2015 – Sept 2015

General Assembly // New York, NY

Intervals – *An application for music students to practice ear training by identifying the distance between notes*

- Created audio and visual intervals using Ableton Live and Sibelius
- Built interval quizzes using jQuery and HTML
- Authenticated users with Sessions and BCrypt
- Deployed application on hosting service Heroku

Chugg'd – *An online beer tastings tracker for craft beer lovers and enthusiasts*

- Seeded a PostgreSQL database with beer and brewery data via the BreweryDB API and Ruby on Rails
- Displayed beer tastings with comprehensive dashboard dynamically with jQuery and HTML
- Collaborated in an Agile group setting with four developers using GitHub for version control
- Authenticated users with Sessions and BCrypt

Forum App – *A full-stack web forum application for users to post topics and threads with voting*

- Wrote back end server using Express.js
- Created front end using EJS templating and the Skeleton CSS library
- Seeded SQL database with relevant information

Musician // New York, NY

Jan 2011 – Mar 2016

Internet Art Grant Awardee Rhizome & Tumblr // New York, NY

July 2013

Artist-In-Residence Harvestworks Digital Media Arts Center // New York, NY

June 2012 – June 2013

Lecturer University of California at San Diego // La Jolla, CA

Sept 2008 – Dec 2010

Teaching Assistant University of California at San Diego // La Jolla, CA

Sept 2004 – Aug 2008

Education

Doctor of Philosophy in Music Composition

University of California at San Diego

Sept 2004 – Dec 2010

Masters of Music in Music Composition

Rice University

Aug 2002 – May 2004

Bachelor of Music in Instrumental Performance

University of Texas at Austin

Sept 1997 – Dec 2001