

# David Wightman

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## Technical Skills

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HTML, CSS, JavaScript, jQuery, NodeJS, Express, React, Redux, AngularJS, Grunt, Gulp, Backbone, Bootstrap, AJAX, JSON, Ruby, Rails, Sinatra, Python, PostgreSQL, MySQL, SQLite, MongoDB, Pure, Skeleton, PHP, Wordpress, Git, Github, Heroku, DigitalOcean, Adobe Suite, Microsoft Office

## Experience

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### Web Developer

April 2016 – Present

Pink Stone Incubator // New York, NY

- Built a beta version of a children's educational web-based app using Node.js and Express.js
- Built a donation application for a charity using Node.js and Twilio
- 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 and branching
- Authenticated users with Sessions and BCRYPT
- Deployed application on hosting service Heroku

**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
- Deployed application on hosting service DigitalOcean

**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

**Teaching Assistant** Rice University // Houston, TX

Aug 2002 – May 2004

## Education

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**Doctor of Philosophy** in Music Composition

Sept 2004 – Dec 2010

University of California at San Diego

**Masters of Music** in Music Composition

Aug 2002 – May 2004

Rice University

**Bachelor of Music** in Instrumental Performance

Sept 1997 – Dec 2001

University of Texas at Austin