

Gregory Raudenbush

FULL STACK SOFTWARE ENGINEER

www.gregraudenbush.com

gregraudenbush@gmail.com

github.com/gregraudenbush

linkedin.com/in/gregraudenbush/

Professional Experience

Coding Dojo – San Jose, California

2017-Current

Software Engineering Instructor

- Teaching Java, Python, and JavaScript full stack engineering to hundreds of students.
- Develop a wide range of apps in multiple languages that are geared toward teaching students and testing their proficiency.
- Create lesson plans, do code reviews, give lectures and live coding demos.

LearnUP – Bay Area, California

2018-Current

Software Engineering Manager

- Lead a team of 6 engineers to create an app for teachers to improve the reading skill of students with dyslexia.
- MEAN Stack integrating Socket.IO

DiviniTree – Santa Cruz, California

2012-2017

Front End Engineer, Database Admin, Digital Marketing

- Maintained and Developed website, database, and MindBody App integration
- Built interactive small business websites for new and established yoga teachers
- Created and deployed successful online marketing campaigns via social media, websites, and email listserv

Technical Skills

Languages – Java, JavaScript (ES5, ES6, TypeScript, CoffeeScript), Python(2 & 3)

Server - Node.JS, Express, Django, Flask, Spring MVC, Spring Boot, Socket.IO, AWS

Front End – Angular, jQuery, AJAX, HTML, CSS, Bootstrap, Web Audio API

Databases – MySQL, NoSQL, Mongoose, MongoDB, Django ORM, Hibernate ORM

Methodologies – OOP, TDD, Git, MVC, REST, API's, Responsive Web Design

Other - GitHub, AWS, Adobe Photoshop, Avid Pro Tools, Ableton Live, Logic Pro

Education

Coding Dojo – Full Stack Web/Software Engineering Training

2017

Berklee College of Music - Master Certification Music Technology

2010-2012

University of New Mexico - Bachelor of Arts, Sociology

2005-2009

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Projects

Monotron Synthesizer – JavaScript, Python, WebAudio Api, Django

www.gregraudenbush.com/monotron

A web based re-creation of an analog synthesizer. Sound generation and modulation that is mapped to the keyboard and lets a user create their own custom sounds effects and music.

Web Tuner – JavaScript, WebAudio API, Python, Django

www.gregraudenbush.com/tuner

Web based instrument tuner. Incorporates the computer or mobile device's microphone and receives sound via instrument or voice. App returns the musical key of the input and how far from perfect pitch it is.

Honora Studios – Java, JavaScript, HTML5, CSS3

www.honorastudios.com

Full feature E-Commerce site for local artist. Admin panel software designed for the artist to update the shop, apply discount codes, and be notified of purchases and shipping.

Interests

New technologies and gear, surfing, teaching yoga, writing and producing music.