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Cole Willsea

Web Developer

Work Experience

*Associate Software Engineer, **Capital One**, July 2015 - November 2015*, Worked with the Level Money API team writing Clojure, Python, and JavaScript. Set up a custom continuous integration system for the backend codebase using CircleCI and a Slack bot. Did a full redesign of the customer support interface.

*Web Developer, **Monsoon**, April 2014 - July 2015*, Worked closely with clients and designers on remote teams using Rails and Ember, with a strong emphasis on TDD, CI, and agile practices. Set up a paid subscription service using Stripe, built a Yelp-like mapping project with Leaflet and Open Street Map, and worked on an app that runs on Bloomberg terminals.

Personal Projects

Remember Yr Training, www.coledubs.itch.io/remember-yr-training, a short video game built with the Phaser JS framework, features a soundtrack that was programmed with JavaScript,, an interactive Markov chain based poetry generator, and over a dozen endings.

Karaoke Ebooks, www.cole.money/karaoke-ebooks, a JavaScript app that consumes tweets and uses them to write a song which it then sings through text-to-speech over a web audio backing track. Built with Node.js, Browserify, and a ton of NPM modules. This project was presented at the Waffle.js meetup in San Francisco.

wowwwbeautiful, www.twitter.com/wowwwbeautiful, a Twitter bot that uses OpenCV to try to detect selfies posted by it's followers and reply to them with encouraging comments. Runs on a Redis queue and the Twitter streaming API.

Education

University of California, Santa Cruz, 2004 - 2008, B.A. in Politics with a minor in Sociology, graduated with honors.

App Academy, 2013-2014, 12 week coding bootcamp based around Ruby and Javascript, built a fully featured clone of Reddit using Rails and Backbone.