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Amy M. Bertken

Full Stack Web Developer

TECHNOLOGIES

JavaScript

Ruby

Rails

Node

Express

Angular

jQuery

CSS

HTML

PostgreSQL

MongoDB

RSPEC

Git

STRENGTHS

Writing

Presenting

Research

Mentoring

Adapting messages to

different audiences

EDUCATION

Galvanize Full Stack (gSchool), Boulder, CO (July 2015)

M.A. in English, University of Colorado, Boulder, CO (2010)

B.A in English, Pomona College, Claremont, CA (2004)

PROJECTS

WordsWithCharles   GitHub | Live Site

Words with Charles functions as both a dictionary and a literary research tool. A searches for a word and the app returns every paragraph containing that word from the complete works of Charles Dickens along with a definition and some statistics on Dickens' usage. Built in **JavaScript** using **Node**, **Express**, **PostgreSQL**, and **Angular**. Adaptation of Dickens' works to the SQL database required some **Python**.

InstagrAlbums   GitHub | Live Site

InstagrAlbums allows users to search Instagram images by current location, returning a slideshow of up to 30 images taken within 30 meters. The user can then click on an image to save it to an album for later use. Built in **Ruby** on **Rails** with a **PostgreSQL** database, the site also uses **jQuery** and Instagram **OAuth**.

BlogReader   GitHub

This app grabs a semester's worth of my students' weekly blog posts via the WordPress.com API and presents data—including unique words used, Flesch-Kincaid grade level, and blog post length—for both individual students and for the class as a whole. The app uses the **WordPress.com API**, **Ruby**, **Rails**, **PostgreSQL**, and **Bootstrap.**

EXPERIENCE

Program for Writing and Rhetoric, University of Colorado   Jan. 2007 – Dec. 2014

Full-Time Lecturer, Graduate Part-Time Instructor, Writing Center Consultant

- Developed curricula for 6 courses, including Writing on Science and Society, American Satire, First Year Writing and Rhetoric, and Sports and American Culture (links are to course websites); actively revised curricula based on student feedback/performance, both on the fly and for each subsequent semester.
- Advised, assessed, and managed ~80 students every semester (~700 students across 14 semesters), including 24-7 email availability and 3+ weekly office hours.
- Used new technologies and innovative pedagogical practices, including, in Spring 2014, building and using a program to automate peer feedback using JavaScript, Google Scripts and Google Forms.
- Presented "Redefining Student Writing: Collaborative Identities and Digital Spaces," at the Conference on College Composition and Communication (CCCC) in Saint Louis, MO, March 2012.